



Andersen Windowalls



CASEMENT WINDOWS

PICTURE WINDOWS

FLEXIVENT WINDOWS

FLEXIVIEW WINDOWS

GLIDING WINDOWS

PRESSURE SEAL WINDOWS

COMBINATION WINDOWS

BASEMENT WINDOWS

• *Distributed By*

THE *Cincinnati Sash & Door Co.*

4500 Reading Road

Cincinnati 29, Ohio

"An Andersen Distributor For Over 25 Years"

Section 18
Effective 6-56-25



THE CINCINNATI SASH & DOOR CO.



FROM ANDERSEN CORPORATION

YOUR CHOICE OF

4 COMPLETE

WOOD WINDOW

UNITS...

carefully engineered...
precisely manufactured

Andersen WINDOWALLS, America's best-known wood window units, are manufactured by Andersen Corporation, Bayport, Minnesota. Andersen Window Units are sold only through regular millwork channels.

Through the years, the exclusive use of quality materials, accurately milled and fitted, has earned for Andersen Windows a permanent reputation for satisfaction with architects, builders and their clients.

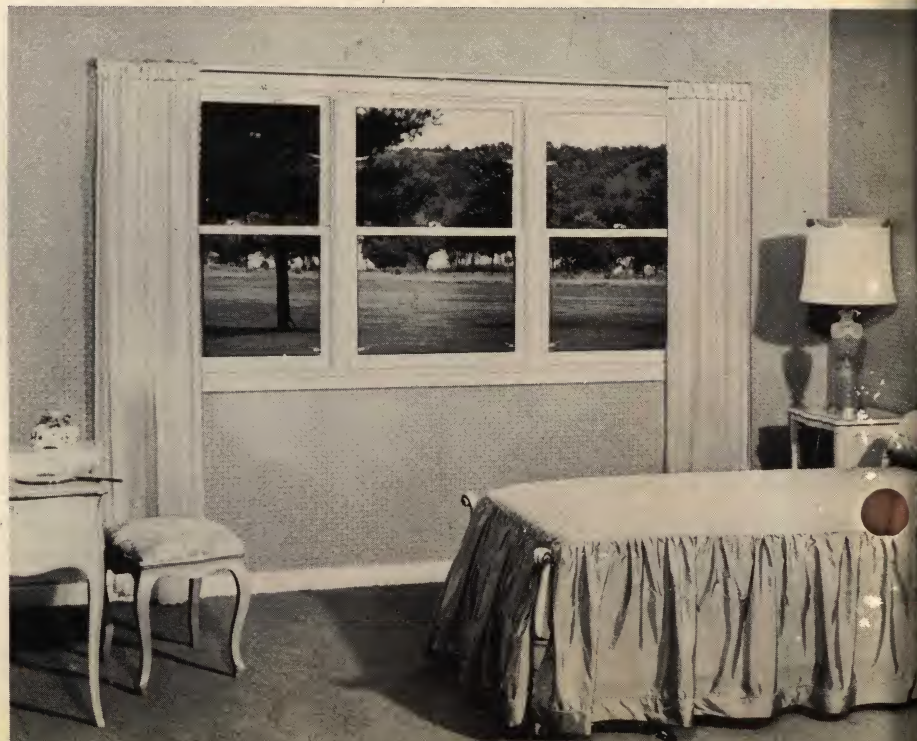
INSTALLATION—Famous Andersen WINDOWALLS will give years of outstanding service *if they are properly installed and maintained*. Proper installation is easy and rapid when manufacturer's instructions are followed.



Andersen Casement Windows. Two Units No. 3H4

Andersen Windowalls **DELIVER**

Andersen Pressure Seal Windows. Triple Unit 2' 8" x 3' 10"





THE CINCINNATI SASH & DOOR CO.



STRUCTURAL BEAUTY. Wood windows add to the beauty of design and decoration with the warmth and character that only wood can give. They take paint and color or natural finish, give depth of shadow line. Wood adds to the beauty of Andersen WINDOWALLS.

POSITIVE INSULATION. Wood sash and frames have low thermal conductivity. Won't heat excessively in the summer. Help fight frosting and sweating in winter. WINDOWALLS contribute to more comfortable living.

EASE OF OPERATION. Wood can be precisely milled, easily weatherstripped. Wood windows lend themselves readily to accurate adjustment for faultless operation. WINDOWALLS provide operating superiority—are easy and economical to install, too.



Andersen Gliding Windows. Two Units No. 58058

ALL THE ADVANTAGES OF WOOD WINDOWS

LASTING SERVICE. No Andersen Window Unit will ever have to be replaced because of rust or corrosion. Wood windows can't bleed. Toxic chemical preservatives protect WINDOWALLS against destruction by rot or termites.

Andersen Windowalls



Andersen Corporation

BAYPORT, MINNESOTA

WINDOW SPECIALISTS FOR OVER 52 YEARS

Andersen Flexivent and Flexiview Windows. One Unit No. 242PA. One Unit No. 342PA





THE CINCINNATI SASH & DOOR CO.

Andersen WINDOWALLS



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Note: Andersen Optional Equipment: Screens, Removable Double Glazings and Extension Jambs are precisely manufactured for Andersen Windows, and is recommended to be used when such features are desired.

THE Andersen CASEMENT



Unit No. 3N5

Unit No. WN35N

ONE OF THE FOUR FAMOUS



Andersen Windowwalls

— DISTRIBUTED BY —

THE *Cincinnati Sash & Door Co.*

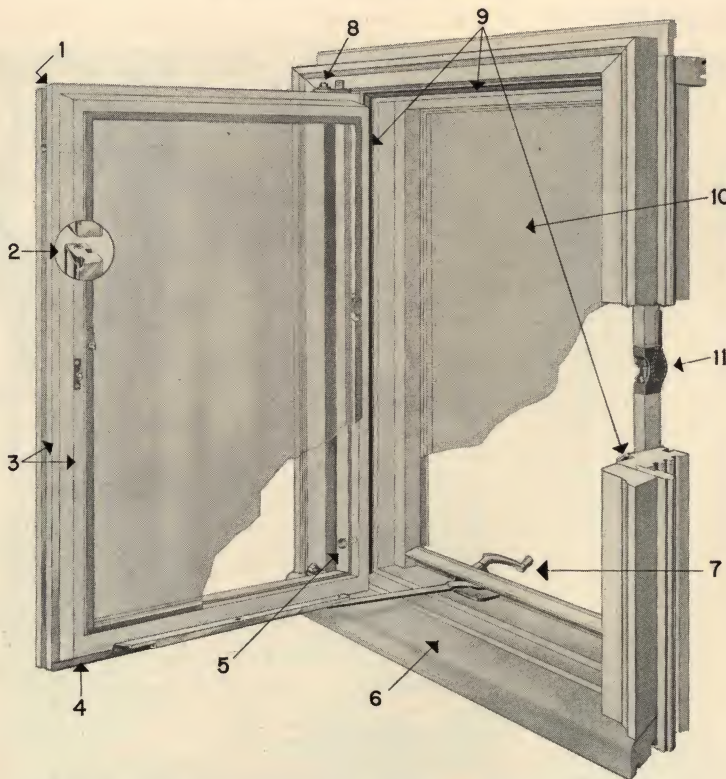
4500 Reading Road

Cincinnati 29, Ohio

"An Andersen Distributor For Over 25 Years"



NOTE THE FEATURES OF THE Andersen CASEMENT WINDOW



**Superior Construction of
ANDERSEN CASEMENT WINDOWS
provides the maximum of
Window Beauty, Weather-tightness
and Easy Operation**

1. Strongly reinforced corner joint holds sash square.
2. Section through double glazing panel showing weatherstripping seal. The double glazing cuts radiation heat loss 60%.
3. Special design of sash eliminates sticking and binding. High quality glass, bedded in glazing compound.
4. Weatherstrip attached to sash bottom rail makes tight seal at sill.
5. Vents for space between double glazing and sash help control condensation and frosting.
6. Frame sill has Andersen Master leakproof construction with lock sill joints and weather tight windbreak.
7. Underscreen sash operator opens window easily and quickly. Holds sash in any open position.
8. Extension hinges swing sash out so that outside of glass can be washed from the inside.
9. Spring tension weatherstripping comes attached to frame at head and sides.
10. Popular flat type aluminum inside screen. Comes with fasteners attached. Lightweight, attractive and durable.
11. Sash lock pulls sash completely shut, then locks it. Also ejects it for easy opening. Independent of screen.

TOXIC WATER REPELLENT PRESERVATIVE

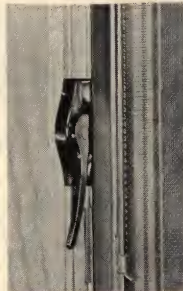
Protects wood against decay, repels termites and other similar insects, and is water repellent to minimize shrinkage, swelling and warping.

INCLUDED FEATURES



EASY TO WASH . . . FROM THE INSIDE

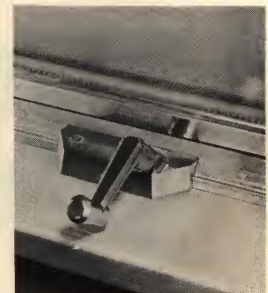
EXTENSION HINGES swing sash out away from the frame. Outside glass surface is easily washed from the inside. Picks up a breeze from either side of the window and directs it into the room.



EASY TO OPERATE

SASH LOCK holds window firmly shut, ejects sash out to be easily opened.

ROTO GEAR swings sash to any position and holds it there without rattling. Both Lock and Operator have a handsome Statuary Bronze-Plated finish, and work independently of the screen.

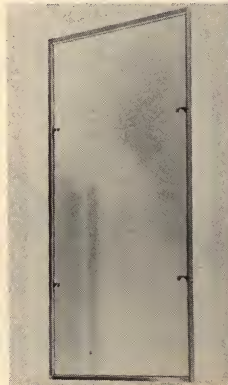


OPTIONAL EQUIPMENT



ALUMINUM SCREEN is easily removed from the inside by simply turning the catches (no tools required) and lifting the screen out.

REMOVABLE DOUBLE GLAZING is removed as easily as the Screen in exactly the same manner.



WELDED INSULATING GLASS provides insulation the year around. Two panes of glass welded together and hermetically sealed eliminate the need of Removable Double Glazings.



THE CINCINNATI SASH & DOOR CO.



THREE IMPORTANT REASONS FOR USING Andersen CASEMENT WINDOWS



... Beauty

Unit No. WN35N

... Easy Operation

Unit No. 2N3



... Plenty of Sunshine and Fresh Air!

Unit No. N34N

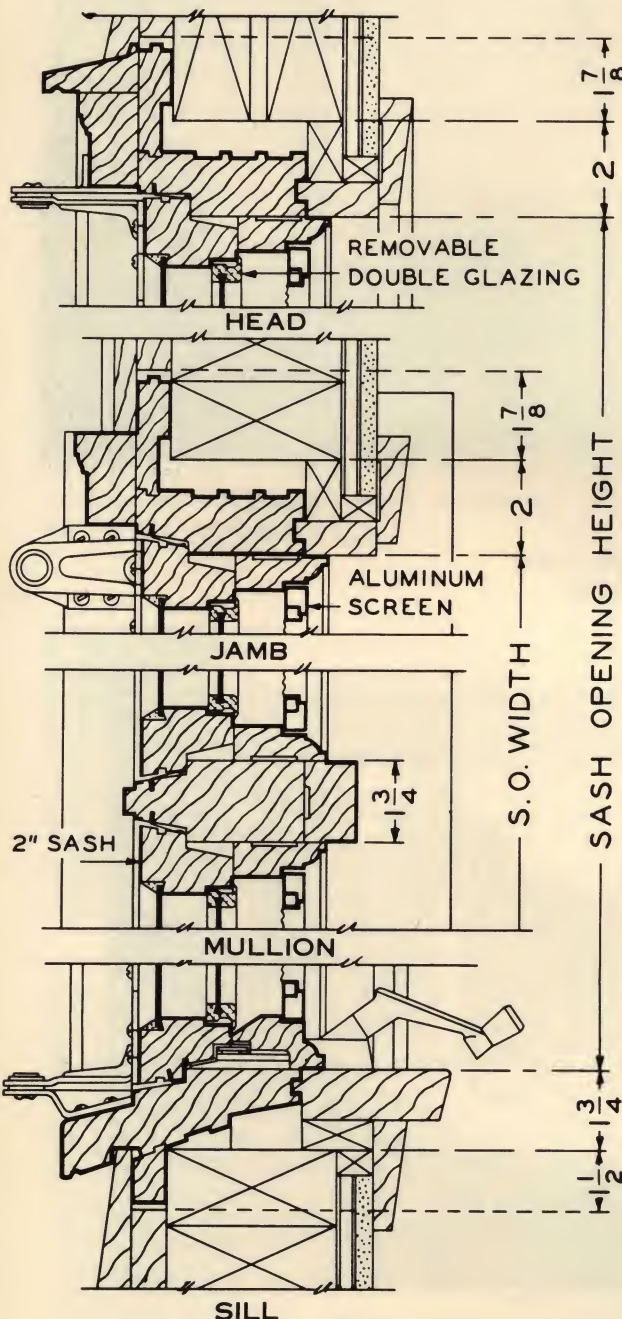


DETAILS FOR

Andersen CASEMENT WINDOWS

C-10—Installation of standard unit in frame wall. Note reversible windbreaks for either $\frac{3}{4}$ or $\frac{1}{2}$ inch sheathing. Plaster reveal inside finish can be used in place of extension jambs and casing trim. The same standard unit is used in all types of wall construction. Additional installation details furnished on request. Trim members should be ordered separately to conform to individual requirements.

Note: Allow for Wide Windbreaks when applying Sheathing before unit is installed. See details below.



Scale 3" = 1'0"

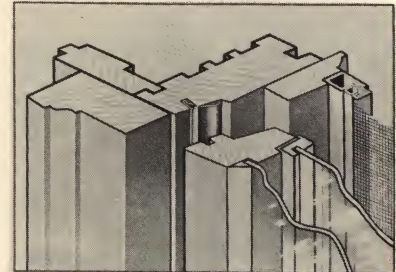
THE ANDERSEN CASEMENT UNIT combines advantages of weather-tight wood construction with beauty of contemporary narrow-line design. Full weatherstripping, double glazing and leakproof frame give exceptional window insulation. Precision manufacture means it's easy to operate, easy to install, highly weather-tight, attractive in appearance.

ENGINEERED FOR EFFICIENT SERVICE. Extra thick 2" sash with reinforced corner joints mean sash cannot stick or bind. Compression weatherstrips assure tightness with free-and-easy operation. Ejecting lock releases sash, easily breaks paint bind. Holds sash firmly shut. Works independently of screen. Extension hinges permit easy washing of outside glass from inside. Roto-gear underscreen operator holds sash in any open position.

COMPLETE UNIT INCLUDES:

FRAME • INSIDE STOPS • MULLION CASINGS • WEATHERSTRIPPING
GLAZED SASH • COMPLETE HARDWARE FOR VENTILATING SASH
INSIDE SCREEN (optional) • DOUBLE GLAZING (optional)
EXTENSION JAMBS (optional)

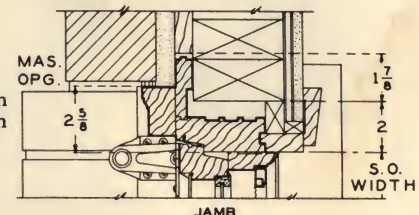
Section through jamb at right shows location of compression weather-strip, removable double glazing on inside of sash and inside screen. Note sash construction with two point "refrigerator door" contacts and full $\frac{1}{8}$ " clearance between sash and frame.



Scale 1 1/2" = 1'0"

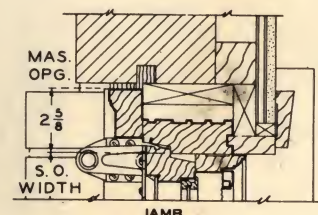
Detail No. C-20

Brick veneer construction with windbreaks set flush with sheathing.



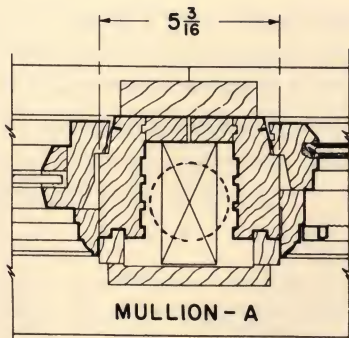
Detail No. C-36

S.C.R. brick construction. Lath and plaster on 2" furring strips.

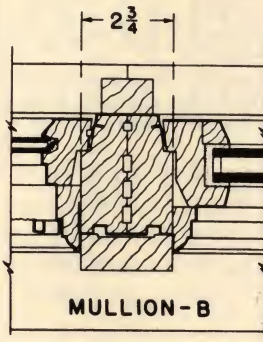




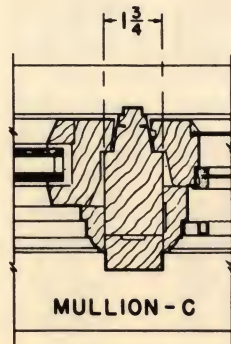
DETAILS FOR COMBINING Andersen CASEMENT WINDOWS



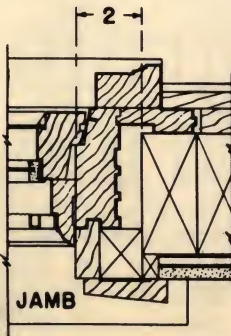
MULLION - A. Used where load bearing structural members are needed.



MULLION B. Side jambs are joined back to back to form narrow mullions. Sill may be butted or scarfed.



MULLION C. Standard mullion furnished by Andersen.



COMBINING STANDARD UNITS FOR LARGE WINDOWALL INSTALLATIONS

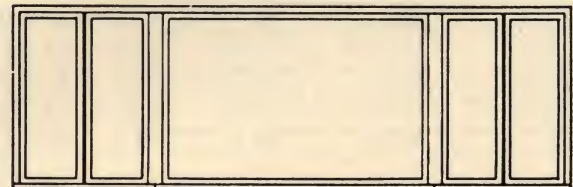
1' 6" Series	3-1 3/4	*	3-1 3/4	*	3-1 3/4	*	3-1 3/4
1' 10 1/2" Series	3-10 3/4	*	3-10 3/4	*	3-10 3/4	*	3-10 3/4



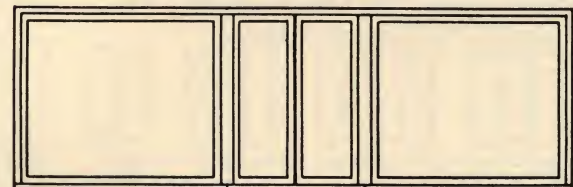
1' 6" Series	6-5 1/4	*	6-5 1/4
1' 10 1/2" Series	7-11 1/4	*	7-11 1/4



1' 6" Series	3-1 3/4	*	6-5 1/4	*	3-1 3/4
1' 10 1/2" Series	3-10 3/4	*	5-11	*	3-10 3/4



1' 6" Series	4-9 1/2	*	3-1 3/4	*	4-9 1/2
1' 10 1/2" Series	5-11	*	3-10 3/4	*	5-11



*Either mullion A, B or C can be used. Be sure to use correct mullion dimension when figuring opening sizes.

OVERALL SASH OPENING WIDTH. The sum of the individual sash opening for each unit, plus $5\frac{3}{16}$ " for each mullion A used, plus $2\frac{3}{4}$ " for each mullion B used, and plus $1\frac{3}{4}$ " for each mullion C used.

ROUGH OPENING WIDTH. Add 4" to overall sash opening.

MASONRY OPENING WIDTH. Add $5\frac{1}{4}$ " to overall sash opening.

See your millwork dealer or nearby Andersen distributor for further information or write Andersen Corporation.



THE CINCINNATI SASH & DOOR CO.
















Andersen CASEMENT WINDOW 1-6 SASH



KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilating Sash with Statuary Bronze-Plated Roto Gear Hardware; Exterior Casings, Drip Cap. Pine Inside Stops, Mullion Casing, and *EXTENSION JAMBS* furnished but not applied. *Only One-Light Sash may be glazed with Welded Insulating Glass (No R.D.G. included).*
















Unit Prices include suggested hinging of sash
as viewed from the outside and designated as: →

	L	LR	LSR	LSSR	LSLSR
Masonry Opening	1-11 $\frac{1}{4}$	3-7	5-2 $\frac{3}{4}$	6-10 $\frac{1}{2}$	8-6 $\frac{1}{4}$
Rough Opening	1-10	3-5 $\frac{3}{4}$	5-1 $\frac{1}{2}$	6-9 $\frac{1}{4}$	8-5
Sash Opening	1-6	3-1 $\frac{3}{4}$	4-9 $\frac{1}{2}$	6-5 $\frac{1}{4}$	8-1
					
	1N2	2N2	3N2	4N2	5N2
					
	1H2	2H2	3H2	4H2	5H2
					
	1D2	2D2	3D2	4D2	5D2

To change a sash on this page to either Ventilating or Stationary add or deduct \$10.08 per sash for hardware only.
















BASIC UNIT, Welded Glass.....	\$38.40	\$72.20	\$96.08	\$120.48	\$154.72
BASIC UNIT, Standard Glazing.....	28.92	53.24	67.64	82.56	107.32
Add for Screen(s) (All Vent Sash).....	3.36	6.72	6.72	6.72	10.08
Add for R.D.G. (All Sash with Std. Gla.).....	4.64	9.28	13.92	18.56	23.20
Deduct for No Extension Jambs.....	1.20	1.48	1.76	2.04	2.32

For Chrome Finish Hardware for Ventilating Sash on this page add \$4.04 per Ventilating Sash.

					
	1N30	2N30	3N30	4N30	5N30
					
	1H30	2H30	3H30	4H30	5H30
					
	1D30	2D30	3D30	4D30	5D30

BASIC UNIT, Welded Glass.....	\$41.48	\$77.76	\$104.20	\$131.12	\$167.88
BASIC UNIT, Standard Glazing.....	31.00	56.80	72.76	89.20	115.48
Add for Screen(s) (All Vent Sash).....	3.76	7.52	7.52	7.52	11.28
Add for R.D.G. (All Sash with Std. Gla.).....	5.20	10.40	15.60	20.80	26.00
Deduct for No Extension Jambs.....	1.36	1.64	1.92	2.20	2.48

For 10" Long Sill Horns add \$1.40 per unit.

					
	1N3	2N3	3N3	4N3	5N3
					
	1H3	2H3	3H3	4H3	5H3
					
	1D3	2D3	3D3	4D3	5D3

BASIC UNIT, Welded Glass.....	\$44.52	\$83.32	\$112.20	\$141.56	\$180.80
BASIC UNIT, Standard Glazing.....	32.76	59.72	76.80	94.40	121.84
Add for Screen(s) (All Vent Sash).....	4.04	8.08	8.08	8.08	12.12
Add for R.D.G. (All Sash with Std. Gla.).....	6.12	12.24	18.36	24.48	30.60
Deduct for No Extension Jambs.....	1.52	1.80	2.08	2.36	2.64





THE CINCINNATI SASH & DOOR CO.

Andersen CASEMENT WINDOW 1-6 SASH



BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT

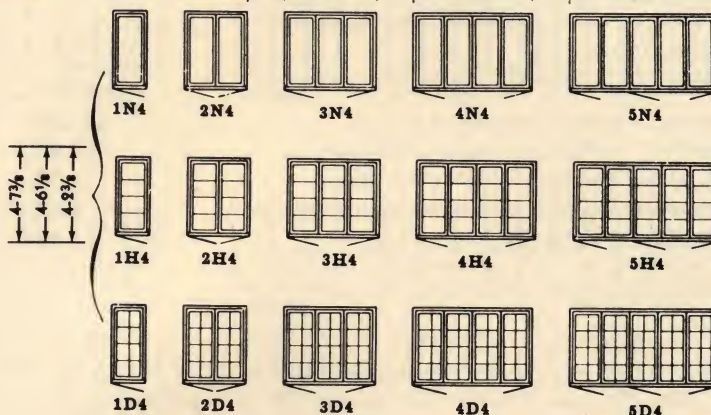
Combinations shown are only suggested layouts, and may be subject to change. Ventilating Sash are designated as: Hinged on the Left , or Hinged on the Right , as viewed from the outside. Units one (1) sash wide are priced as Ventilating, and should be designated as Left or Right as desired. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. **UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.**

Unit Prices include suggested hinging of sash as viewed from the outside and designated as: —————→

To change a sash on this page to either Ventilating or Stationary add or deduct \$12.20 per sash for hardware only.

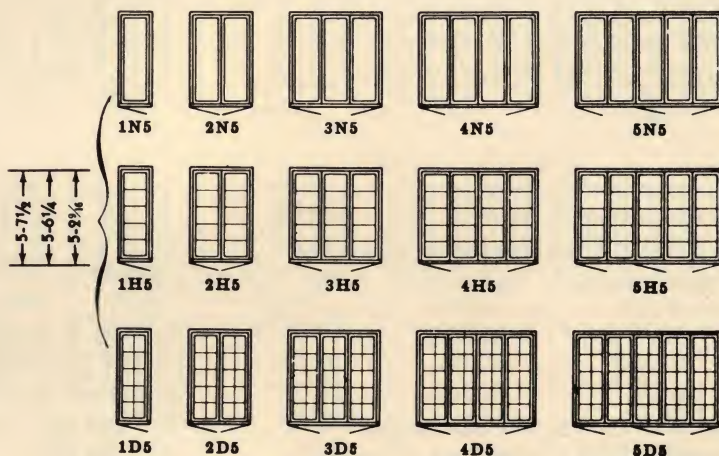
For Chrome Finish Hardware for Ventilating Sash on this page add \$5.68 per Ventilating Sash.

	L	L R	L S R	L S S R	L S L S R
Masonry Opening	1-11 $\frac{1}{4}$	3-7	5-2 $\frac{3}{4}$	6-10 $\frac{1}{2}$	8-6 $\frac{1}{4}$
Rough Opening	1-10	3-5 $\frac{3}{4}$	5-1 $\frac{1}{2}$	6-9 $\frac{1}{4}$	8-5
Sash Opening	1-6	3-1 $\frac{3}{4}$	4-9 $\frac{1}{2}$	6-5 $\frac{1}{4}$	8-1



BASIC UNIT, Welded Glass.....	\$52.48	\$98.12	\$131.80	\$166.00	\$212.12
BASIC UNIT, Standard Glazing.....	38.48	70.12	89.80	110.00	142.12
Add for Screen(s) (All Vent Sash).....	4.64	9.28	9.28	9.28	13.92
Add for R.D.G. (All Sash with Std. Gla.).....	7.64	15.28	22.92	30.56	38.20
Deduct for No Extension Jambs.....	1.84	2.12	2.40	2.68	2.96

Size	Screen Price	R.D.G. Price
#2	\$3.36	\$4.64
#30	3.76	5.20
#3	4.04	6.12
#4	4.64	7.64
#5	5.56	9.40



BASIC UNIT, Welded Glass.....	\$58.68	\$109.40	\$148.12	\$187.36	\$238.52
BASIC UNIT, Standard Glazing.....	42.32	76.64	99.00	121.88	156.64
Add for Screen(s) (All Vent Sash).....	5.56	11.12	11.12	11.12	16.68
Add for R.D.G. (All Sash with Std. Gla.).....	9.40	18.80	28.20	37.60	47.00
Deduct for No Extension Jambs.....	2.16	2.44	2.72	3.00	3.28

**Andersen CASEMENT WINDOW 1-10 $\frac{1}{2}$ SASH****KNOW WHAT YOU ARE PURCHASING**

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilating Sash with Statuary Bronze-Plated Roto Gear Hardware; Exterior Casings, Drip Cap. Pine Inside Stops, Mullion Casing, and *EXTENSION JAMBS* furnished but not applied. *Only One-Light Sash may be glazed with Welded Insulating Glass (No R.D.G. included).*

Unit Prices include suggested hinging of sash
as viewed from the outside and designated as: → L

	L R	L S R	L S S R	L S L S R
Masonry Opening 2-3 $\frac{3}{4}$	4-4	6-4 $\frac{1}{4}$	8-4 $\frac{1}{2}$	10-4 $\frac{3}{4}$
Rough Opening 2-2 $\frac{1}{2}$	4-2 $\frac{3}{4}$	6-3	8-3 $\frac{1}{4}$	10-3 $\frac{1}{2}$
Sash Opening 1-10 $\frac{1}{2}$	3-10 $\frac{3}{4}$	5-11	7-11 $\frac{1}{4}$	9-11 $\frac{1}{2}$
	W1N2	W2N2	W3N2	W4N2
	W1H2	W2H2	W3H2	W4H2

To change a sash on this page to either Ventilating or Stationary add or deduct \$10.08 per sash for hardware only.

BASIC UNIT, <i>Welded Glass</i>	\$41.36	\$78.24	\$105.68	\$132.80	\$169.84
BASIC UNIT, Standard Glazing.....	30.48	56.48	73.04	89.28	115.44
Add for Screen(s) (All Vent Sash).....	3.72	7.44	7.44	7.44	11.16
Add for R.D.G. (All Sash with Std. Gla.).....	5.24	10.48	15.72	20.96	26.20
Deduct for No Extension Jambs.....	1.28	1.60	2.04	2.32	2.64

For Chrome Finish Hardware for Ventilating Sash on this page add \$4.04 per Ventilating Sash.

	W1N30	W2N30	W3N30	W4N30	W5N30
	W1H30	W2H30	W3H30	W4H30	W5H30



BASIC UNIT, <i>Welded Glass</i>	\$44.76	\$84.52	\$114.80	\$144.80	\$184.72
BASIC UNIT, Standard Glazing.....	32.68	60.32	78.52	96.44	124.28
Add for Screen(s) (All Vent Sash).....	4.08	8.16	8.16	8.16	12.24
Add for R.D.G. (All Sash with Std. Gla.).....	6.00	12.00	18.00	24.00	30.00
Deduct for No Extension Jambs.....	1.44	1.76	2.20	2.48	2.80

For 10" Long Sill Horns add \$1.40 per unit.

	W1N3	W2N3	W3N3	W4N3	W5N3
	W1H3	W2H3	W3H3	W4H3	W5H3

BASIC UNIT, <i>Welded Glass</i>	\$48.24	\$90.92	\$124.12	\$157.04	\$199.84
BASIC UNIT, Standard Glazing.....	34.48	63.32	82.72	101.84	130.84
Add for Screen(s) (All Vent Sash).....	4.44	8.88	8.88	8.88	13.32
Add for R.D.G. (All Sash with Std. Gla.).....	6.88	13.76	20.64	27.52	34.40
Deduct for No Extension Jambs.....	1.60	1.92	2.36	2.64	2.96

**Andersen CASEMENT WINDOW 1-10¹/₂ SASH****BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT**

Combinations shown are only suggested layouts, and may be subject to change. Ventilating Sash are designated as: Hinged on the Left , or Hinged on the Right , as viewed from the outside. Units one (1) sash wide are priced as Ventilating, and should be designated as Left or Right as desired. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. **UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.**

Unit Prices include suggested hinging of sash as viewed from the outside and designated as: → L

Masonry Opening 2-3³/₄
Rough Opening 2-2¹/₂
Sash Opening 1-10¹/₂

L R

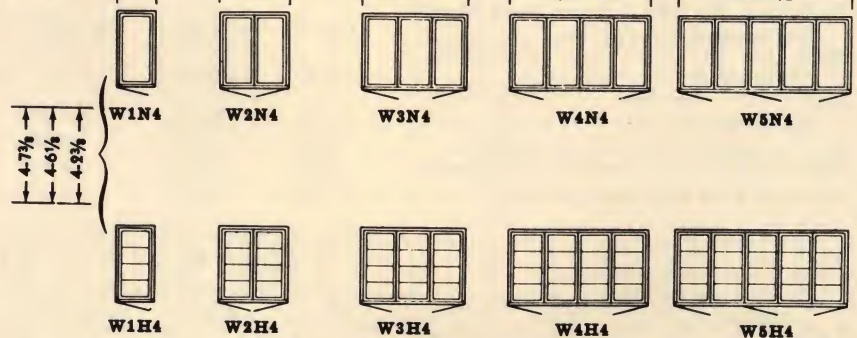
L S R

L S S R

L S L S R

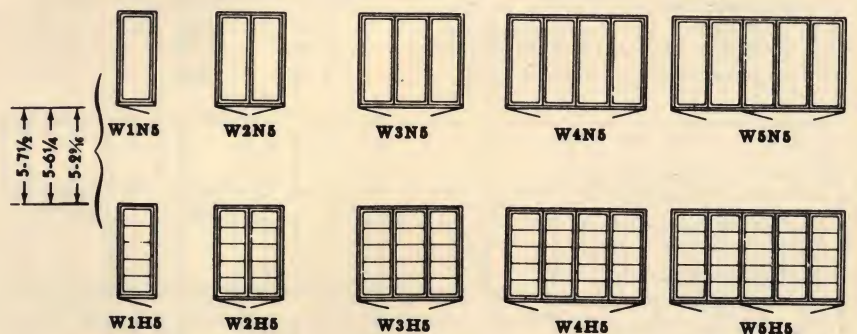
To change a sash on this page to either Ventilating or Stationary add or deduct \$12.20 per sash for hardware only.

For Chrome Finish Hardware for Ventilating Sash on this page add \$5.68 per Ventilating Sash.



BASIC UNIT, Welded Glass.....	\$57.40	\$108.16	\$147.32	\$186.24	\$237.16
BASIC UNIT, Standard Glazing.....	40.44	74.24	96.48	118.44	152.40
Add for Screen(s) (All Vent Sash).....	5.20	10.40	10.40	10.40	15.60
Add for R.D.G. (All Sash with Std. Gla.).....	8.52	17.04	25.56	34.08	42.60
Deduct for No Extension Jambs.....	1.92	2.24	2.68	2.96	3.28

Size	Screen Price	R.D.G. Price
#W2	\$3.72	\$ 5.24
#W30	4.08	6.00
#W3	4.44	6.88
#W4	5.20	8.52
#W5	6.32	11.24



BASIC UNIT, Welded Glass.....	\$65.04	\$122.24	\$167.88	\$213.28	\$270.63
BASIC UNIT, Standard Glazing.....	44.44	81.08	106.16	130.96	167.76
Add for Screen(s) (All Vent Sash).....	6.32	12.64	12.64	12.64	18.96
Add for R.D.G. (All Sash with Std. Gla.).....	11.24	22.48	33.72	44.96	56.20
Deduct for No Extension Jambs.....	2.24	2.58	3.00	3.28	3.60

Andersen CASEMENT PICTURE WINDOW 1-6 SASH

KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Picture Sash Glazed either 1" Insulating Plate Glass or 1/4" Plate Glass, priced separately (No R.D.G. available); Ventilating Sash with Statuary Bronze-Plated Roto Gear Hardware; Exterior Casings, Drip Cap. Pine Inside Stops, Mullion Casing, and *EXTENSION JAMBS* furnished but not applied. *Only One-Light Ventilating Sash may be glazed with Welded Insulating Glass (No R.D.G. included).*

TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$10.08 per sash.
For Hardware Only.

Masonry Opening
Rough Opening
Sash Opening

3-7/16
3-6
3-2 1/16

L	S	R	L	S	R	L	S	R	L	S	S	R	L	S	S	R	R	L	S
6-10 1/2	8-6 1/4	10-2	5-2 3/4	5-2 3/4	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2	6-10 1/2
6-9 1/4	8-5	10-0 3/4	5-1 1/2	5-1 1/2	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4	6-9 1/4
6-5 1/4	8-1	9-8 3/4	4-9 1/2	4-9 1/2	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4	6-5 1/4
N23N	N33N	N43N	N23	23N	2N23	232N	N33												
H23H	H33H	H43H	H23	23H	2H23	232H	H33												
D23D	D33D	D43D	D23	23D	2D23	232D	D33												

Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$149.76	\$170.80	\$195.56	\$110.28	\$149.76	\$131.56
Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	126.20	147.20	172.00	98.52	126.20	119.76
Basic Unit, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	114.72	131.40	150.52	87.04	114.72	103.96
Add for Screen(s) (All Ventilating Sash)...	8.08	8.08	8.08	4.04	8.08	4.04
Add for R.D.G. (All Vent Sash, Std. Glazing)	12.24	12.24	12.24	6.12	12.24	6.12
Deduct for No Extension Jambs.....	2.36	2.64	2.92	2.08	2.36	2.36

TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.

4-7 1/8
4-6 1/8
4-9 3/8

N24N	N34N	N44N	N24	24N	2N24	242N	N34
H24H	H34H	H44H	H24	24H	2H24	242H	H34
D24D	D34D	D44D	D24	24D	2D24	242D	D34

Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$177.88	\$210.44	\$244.28	\$131.52	\$177.88	\$164.32
Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	149.88	182.44	216.28	117.52	149.88	150.32
Basic Unit, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	133.60	156.36	180.84	101.24	133.60	124.28
Add for Screen(s) (All Ventilating Sash)...	9.28	9.28	9.28	4.64	9.28	4.64
Add for R.D.G. (All Vent Sash, Std. Glazing)	15.28	15.28	15.28	7.64	15.28	7.64
Deduct for No Extension Jambs.....	2.68	2.96	3.24	2.40	2.68	2.68

TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.

5-7 1/8
5-6 1/8
5-9 1/8



N25N	N35N	N45N	N25	25N	2N25	252N	N35
H25H	H35H	H45H	H25	25H	2H25	252H	H35
D25D	D35D	D45D	D25	25D	2D25	252D	D35


















































































Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$204.64	\$237.40	\$276.48	\$153.24	\$204.64	\$186.24
Basic Unit, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	171.92	204.68	243.76	136.88	171.92	169.88
Basic Unit, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	151.32	174.96	203.52	116.28	151.32	140.16
Add for Screen(s) (All Ventilating Sash)...	11.12	11.12	11.12	5.56	11.12	5.56
Add for R.D.G. (All Vent Sash, Std. Glazing)	18.80	18.80	18.80	9.40	18.80	9.40
Deduct for No Extension Jambs.....	3.00	3.28	3.56	2.72	3.00	3.00

For 10" Long Sill Horns, Add \$1.40 Per Unit.

Andersen CASEMENT PICTURE WINDOW 1-6 SASH

BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT

Ventilating Sash are designated as Hinged on the Left , or Hinged on the Right , as viewed from the outside. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. If a larger Picture Window Combination is desired see Details on Page 9 for combining the Standard Sizes that are shown. UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.

S	R	LL	S	S	RR	LL	S	RR	LL	S	S	R	LL	S	S	RR	LL	S	RR
6-10½ 6-9¼ 6-5¼	8-6¼ 8-5 8-1	8-6¼ 8-5 8-1	11-9¾ 11-8½ 11-4½	8-6¼ 8-5 8-1	8-6¼ 8-5 8-1	10-2 10-0¾ 9-8¾	10-2 10-0¾ 9-8¾	13-5½ 13-4¼ 13-0¼											
																			
33N	2733	332N	2N332N	N43	43N	2N43	432N	2N432N											
																			
33H	2H33	332H	2H332H	H43	43H	2H43	432H	2H432H											
																			
33D	2D33	332D	2D332D	D43	43D	2D43	432D	2D432D											
\$131.56	\$170.80		\$249.48		\$156.56		\$195.56		\$277.08										
119.76	147.20		202.32		144.76		172.00		229.92										
103.96	131.40		186.52		123.28		150.52		208.44										
4.04	8.08		16.16		4.04		8.08		16.16										
6.12	12.24		24.48		6.12		12.24		24.48										
2.36	2.64		3.24		2.64		2.92		3.72										
																			
34N	2N34	342N	2N342N	N44	44N	2N44	442N	2N442N											
																			
34H	2H34	342H	2H342H	H44	44H	2H44	442H	2H442H											
																			
34D	2D34	342D	2D342D	D44	44D	2D44	442D	2D442D											
\$164.32	\$210.44		\$302.96		\$198.36		\$244.28		\$339.56										
150.32	182.44		246.96		184.36		216.28		283.56										
124.28	156.36		220.88		148.92		180.84		248.16										
4.64	9.28		18.56		4.64		9.28		18.56										
7.64	15.28		30.56		7.64		15.28		30.56										
2.68	2.96		3.52		2.96		3.24		4.04										
																			
35N	2N35	352N	2N352N	N45	45N	2N45	452N	2N452N											
																			
35H	2H35	352H	2H352H	H45	45H	2H45	452H	2H452H											
																			
35D	2D35	352D	2D352D	D45	45D	2D45	452D	2D452D											
\$186.24	\$237.40		\$340.00		\$225.52		\$276.48		\$381.88										
169.88	204.68		274.52		209.16		243.76		316.40										
140.16	174.96		244.80		168.92		203.52		276.16										
5.56	11.12		22.24		5.56		11.12		22.24										
9.40	18.80		37.60		9.40		18.80		37.60										
3.00	3.28		3.88		3.28		3.56		4.36										

For 10" Long Sill Horns, Add \$1.40 Per Unit.



THE CINCINNATI SASH & DOOR CO.

Andersen CASEMENT PICTURE WINDOW 1-10¹/₂ SASH

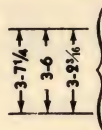


KNOW WHAT YOU ARE PURCHASING

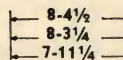
BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Picture Sash Glazed either 1" Insulating Plate Glass or 1/4" Plate Glass, priced separately (No R.D.G. available); Ventilating Sash with Statuary Bronze-Plated Roto Gear Hardware; Exterior Casings, Drip Cap. Pine Inside Stops, Mullion Casing, and **EXTENSION JAMBS** furnished but not applied. *Only One-Light Ventilating Sash may be glazed with Welded Insulating Glass (No R.D.G. included).*

TO CHANGE
A Ventilating Sash
in this row
to Stationary
Deduct \$10.08 per sash.
For Hardware Only.

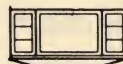
Masonry Opening
Rough Opening
Sash Opening



L S R

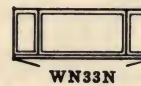
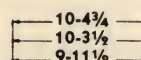


WN23N



WH23H

L S R

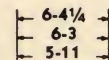


WN33N

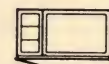


WH33H

L S



WN23



WH23

S R

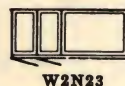
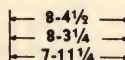


W23N

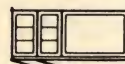


W23H

L L S



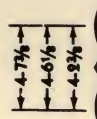
W2N23



W2H23

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$168.28
BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	140.68
BASIC UNIT, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	126.52
Add for Screen(s) (All Ventilating Sash).....	8.88
Add for R.D.G. (All Vent Sash, Std. Glazing).....	13.76
Deduct for No Extension Jambs.....	2.64

TO CHANGE
A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.



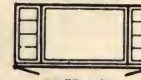
WN24N



WH24H



WN34N



WH34H



WN24



WH24



W24N



W24H



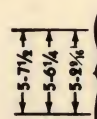
W2N24



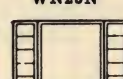
W2H24

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$204.60
BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	170.72
BASIC UNIT, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	147.60
Add for Screen(s) (All Ventilating Sash).....	10.40
Add for R.D.G. (All Vent Sash, Std. Glazing).....	17.04
Deduct for No Extension Jambs.....	2.96

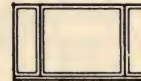
TO CHANGE
A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.



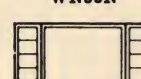
WN25N



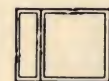
WH25H



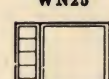
WN35N



WH35H



WN25



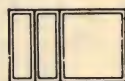
WH25



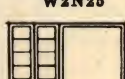
W25N



W25H



W2N25



W2H25

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, <i>Welded Glass</i>	\$235.08
BASIC UNIT, Pic. Sash 1" Insul. Plate Glass, Vent Sash, Standard Glazing.....	193.92
BASIC UNIT, Pic. Sash 1/4" Plate Glass, Vent Sash, Standard Glazing.....	167.40
Add for Screen(s) (All Ventilating Sash).....	12.64
Add for R.D.G. (All Vent Sash, Std. Glazing).....	22.48
Deduct for No Extension Jambs.....	3.28

For 10" Long Sill Horns, Add \$1.40 Per Unit.



THE CINCINNATI SASH & DOOR CO.



Andersen CASEMENT PICTURE WINDOW

1-10 1/2 SASH

BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT

Ventilating Sash are designated as Hinged on the Left ☐ , or Hinged on the Right ☐ , as viewed from the outside. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. If a larger Picture Window Combination is desired see Details on Page 9 for combining the Standard Sizes that are shown. UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.

S	R	R	L	L	S	R	R	L	S	S	R	R
W232N			W2N232N					WN33	W33N	W2N33	W332N	
W232H			W2H232H					WH33	W33H	W2H33	W332H	
\$168.28			\$256.72					\$154.28			\$197.12	
140.68			201.52					140.48			169.52	
126.52			187.36					120.16			149.16	
8.88			17.76					4.44			8.88	
13.76			27.52					6.88			13.76	
2.64			3.56					2.64			2.96	
W242N			W2N242N					WN34	W34N	W2N34	W342N	
W242H			W2H242H					WH34	W34H	W2H34	W342H	
\$204.60			\$309.24					\$187.64			\$238.52	
170.72			241.44					170.68			204.64	
147.60			218.32					140.52			174.48	
10.40			20.80					5.20			10.40	
17.04			34.08					8.52			17.04	
2.96			3.88					2.96			3.28	
W252N			W2N252N					WN35	W35N	W2N35	W352N	
W252H			W2H252H					WH35	W35H	W2H35	W352H	
\$235.08			\$352.64					\$222.52			\$279.88	
193.92			270.32					201.92			238.72	
167.40			243.80					164.00			200.76	
12.64			25.28					6.32			12.64	
22.48			44.96					11.24			22.48	
3.28			4.20					3.28			3.60	

For 10" Long Sill Horns, Add \$1.40 Per Unit.



THE CINCINNATI SASH & DOOR CO.



Andersen PICTURE WINDOW UNITS

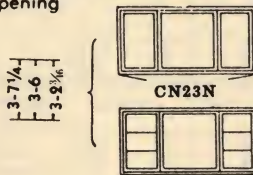
1-6 CENTER SASH — 1-10 SIDE SASH

KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Picture Sash Glazed either 1" Insulating Plate Glass or 1/4" Plate Glass, priced separately (No R.D.G. available); Ventilating Sash with Statuary Bronze-Plated Roto Gear Hardware; Exterior Casings, Drip Cap. Pine Inside Stops, Mullion Casing, and *EXTENSION JAMBS* furnished but not applied. *Only One-Light Ventilating Sash may be glazed with Welded Insulating Glass (No R.D.G. included).*

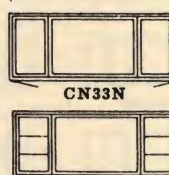
Unit Prices include suggested hinging of sash as viewed from the outside and designated as:

→ L S R
Masonry Opening 7-7 1/2"
Rough Stud Opening 7-6 1/4"
Sash Opening 7-2 1/4"



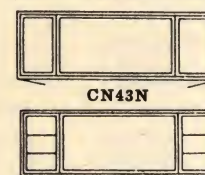
CH23H

L S R
9-3 1/4"
9-2"
8-10"



CH33H

L S R
10-11"
10-9 3/4"
10-5 3/4"



CH43H

TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$10.08 per sash.
For Hardware Only.

3-7 1/4"
3-6"
3-2 3/8"

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, *Welded Glass*.....

\$157.28

\$177.96

\$202.72

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, Standard Glazing.....

129.68

150.36

175.12

BASIC UNIT, Pic. Sash 1/4" Plate Glass,
Vent Sash, Standard Glazing.....

118.20

134.56

153.64

Add for Screen(s) (All Ventilating Sash).....

8.88

8.88

8.88

Add for R.D.G. (All Vent Sash, Std. Glazing).....

13.76

13.76

13.76

Deduct for No Extension Jambs.....

2.48

2.76

3.08

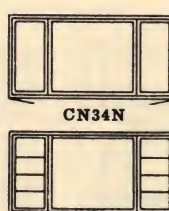
TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.

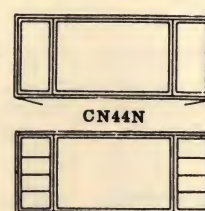
4-7 3/8"
4-6 1/2"
4-2 3/8"



CH24H



CH34H



CH44H

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, *Welded Glass*.....

\$187.80

\$220.04

\$253.84

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, Standard Glazing.....

153.88

186.12

219.92

BASIC UNIT, Pic. Sash 1/4" Plate Glass,
Vent Sash, Standard Glazing.....

137.60

160.08

184.52

Add for Screen(s) (All Ventilating Sash).....

10.40

10.40

10.40

Add for R.D.G. (All Vent Sash, Std. Glazing).....

17.04

17.04

17.04

Deduct for No Extension Jambs.....

2.80

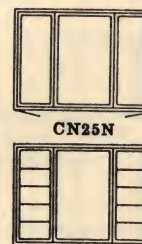
3.08

3.36

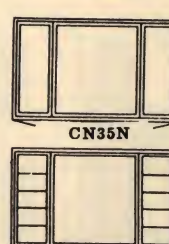
TO CHANGE

A Ventilating Sash
in this row
to Stationary
Deduct \$12.20 per sash.
For Hardware Only.

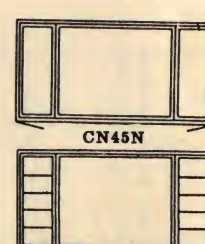
5-7 1/2"
5-6 1/4"
5-2 3/8"



CH25H



CH35H



CH45H

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, *Welded Glass*.....

\$217.40

\$252.52

\$288.88

BASIC UNIT, Pic. Sash 1" Insul. Plate Glass,
Vent Sash, Standard Glazing.....

176.24

211.36

247.72

BASIC UNIT, Pic. Sash 1/4" Plate Glass,
Vent Sash, Standard Glazing.....

155.64

181.64

207.48

Add for Screen(s) (All Ventilating Sash).....

12.64

12.64

12.64

Add for R.D.G. (All Vent Sash, Std. Glazing).....

22.48

22.48

22.48

Deduct for No Extension Jambs.....

3.12

3.40

3.72

Long Sill Horns not available with units on this page.



THE CINCINNATI SASH & DOOR CO.

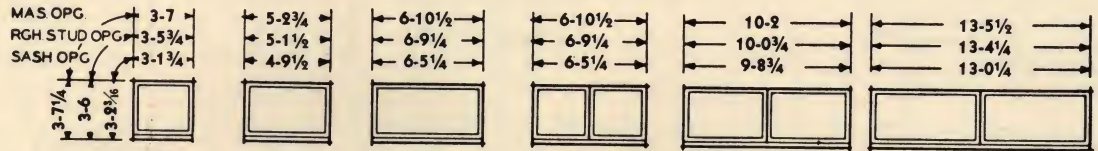
Andersen PICTURE WINDOWS



KNOW WHAT YOU ARE PURCHASING

COMPLETE UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative; Sash Glazed with 1" Insulating Plate Glass, or Sash Glazed with $\frac{1}{4}$ " Plate Glass, priced separately. Unit includes Exterior Casings, Drip Cap, and *EXTENSION JAMBS*. (No R.D.G. available).

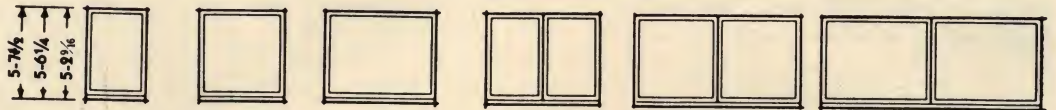
Multiples of 1-6 Sash



COMPLETE UNIT,	123	133	143	223	233	243
Glazed 1" Insulating Plate Glass	\$71.32	\$92.08	\$117.36	\$137.80	\$179.60	\$232.68
Glazed $\frac{1}{4}$ " Plate Glass.....	59.84	76.28	95.88	114.84	148.00	189.72
Deduct for No Extension Jambs..	1.80	2.08	2.36	2.36	2.92	3.72

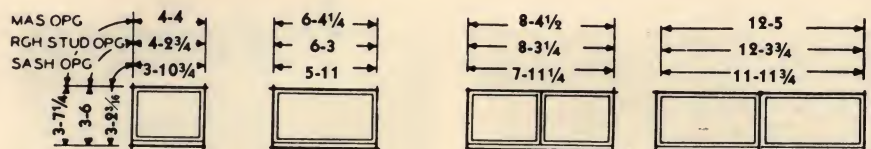


COMPLETE UNIT,	124	134	144	224	234	244
Glazed 1" Insulating Plate Glass	\$85.64	\$117.96	\$152.24	\$165.40	\$230.32	\$301.40
Glazed $\frac{1}{4}$ " Plate Glass.....	69.36	91.88	116.80	132.84	178.20	230.56
Deduct for No Extension Jambs..	2.12	2.40	2.68	2.68	3.24	4.04



COMPLETE UNIT,	125	135	145	225	235	245
Glazed 1" Insulating Plate Glass	\$102.32	\$134.84	\$174.36	\$197.60	\$262.88	\$344.52
Glazed $\frac{1}{4}$ " Plate Glass.....	81.72	105.12	134.16	156.40	203.44	264.04
Deduct for No Extension Jambs..	2.44	2.72	3.00	3.00	3.56	4.36

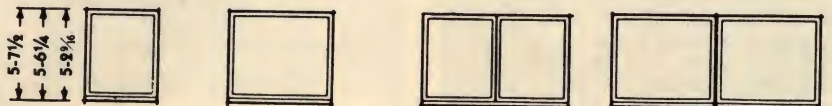
Multiples of 1-10 $\frac{1}{2}$ Sash



COMPLETE UNIT, Glazed 1" Insulating Plate Glass	W123	W133	W223	W233
COMPLETE UNIT, Glazed $\frac{1}{4}$ " Plate Glass.....	\$82.04	\$111.32	\$159.40	\$219.88
Deduct for No Extension Jambs.....	67.88	90.96	131.08	179.20
	1.92	2.36	2.64	3.56



COMPLETE UNIT, Glazed 1" Insulating Plate Glass	W124	W134	W224	W234
COMPLETE UNIT, Glazed $\frac{1}{4}$ " Plate Glass.....	\$102.16	\$136.52	\$198.64	\$269.28
Deduct for No Extension Jambs.....	79.04	106.36	152.40	208.96
	2.24	2.68	2.96	3.88



COMPLETE UNIT, Glazed 1" Insulating Plate Glass	W125	W135	W225	W235
COMPLETE UNIT, Glazed $\frac{1}{4}$ " Plate Glass.....	\$119.72	\$164.96	\$232.56	\$324.96
Deduct for No Extension Jambs.....	93.20	127.00	179.48	249.08
	2.56	3.00	3.28	4.20

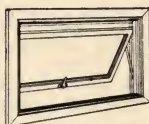


THE CINCINNATI SASH & DOOR CO.

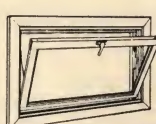
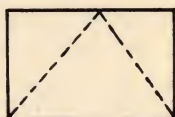


NOTE THE FEATURES OF THE Andersen FLEXIVENT WINDOW

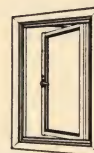
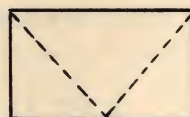
LOOK! THREE USES FOR ONE WINDOW



1. with outswinging
awning sash . . .



2. with inswinging
hopper sash . . .



(Inside View) (Outside View)

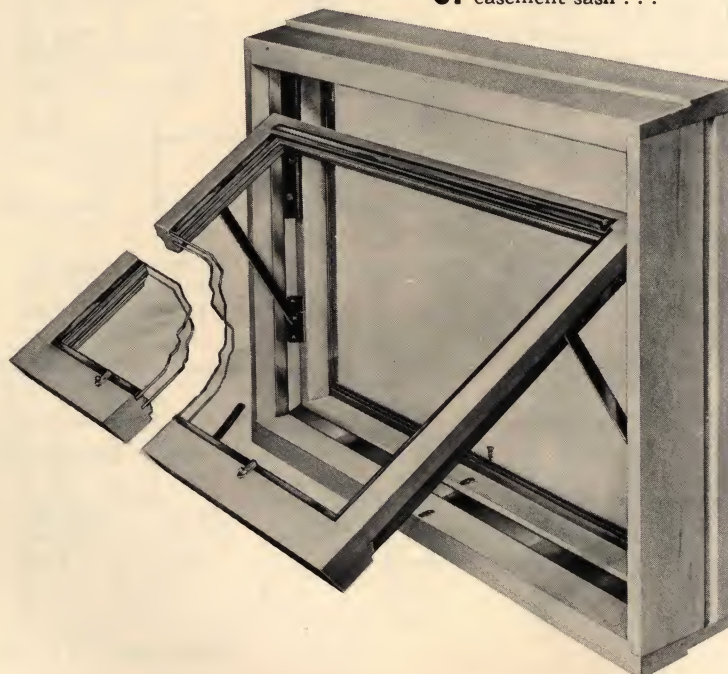
3. with outswinging
casement sash . . .

Quality — Versatility — Economy

Here's the most versatile window you ever saw! Literally hundreds of combinations are possible.

The Andersen Flexivent Window can be installed in any of three positions—a different sash operation for each position. Combine Flexivents in stacks, ribbons or groups. Choice of fixed or operating sash. Combine Flexivents with fixed glazing. Or build them into big WINDOWALLS using the new Andersen Flexiview Unit, picture window partner to the Flexivent.

The combinations possible are almost limitless. Flexivent Window Units are engineered for easy operation, superior weather-tightness. Sixteen sizes—up to 44 $\frac{3}{8}$ " by 49" glass size. Yet with all its features, it is definitely an economy window.



EASY TO WASH FROM THE INSIDE

SLIDING HINGES allow sash to swing to wide open position to be easily washed from the inside.



VENTILATION during a rainfall is possible due to Flexivent special design when used in either Awning or Hopper position.



SASH LOCK pulls sash rail tight against sill to insure positive contact with the weatherstrip. On larger sizes, two locks (one at each end of sash rail) insure tight closing for weather-tight seal.

THE Andersen FLEXIVENT



One Unit No. 41823

One Unit No. 41831

ONE OF THE FOUR FAMOUS



Andersen Windowalls

DISTRIBUTED BY

THE

Cincinnati Sash & Door Co.

4500 Reading Road

Cincinnati 29, Ohio

"An Andersen Distributor For Over 25 Years"

FLEXIVENT UNITS



DETAILS FOR Andersen FLEXIVENT WINDOWS

Specially designed dual purpose head and sill members and an interchangeable lock permit reverse installation to provide either projected sash (awning vent) or inward opening sash (hopper vent) with the same basic unit. The head member shown in the detail at left becomes the sill when installed in the reverse position as shown in the right hand detail.

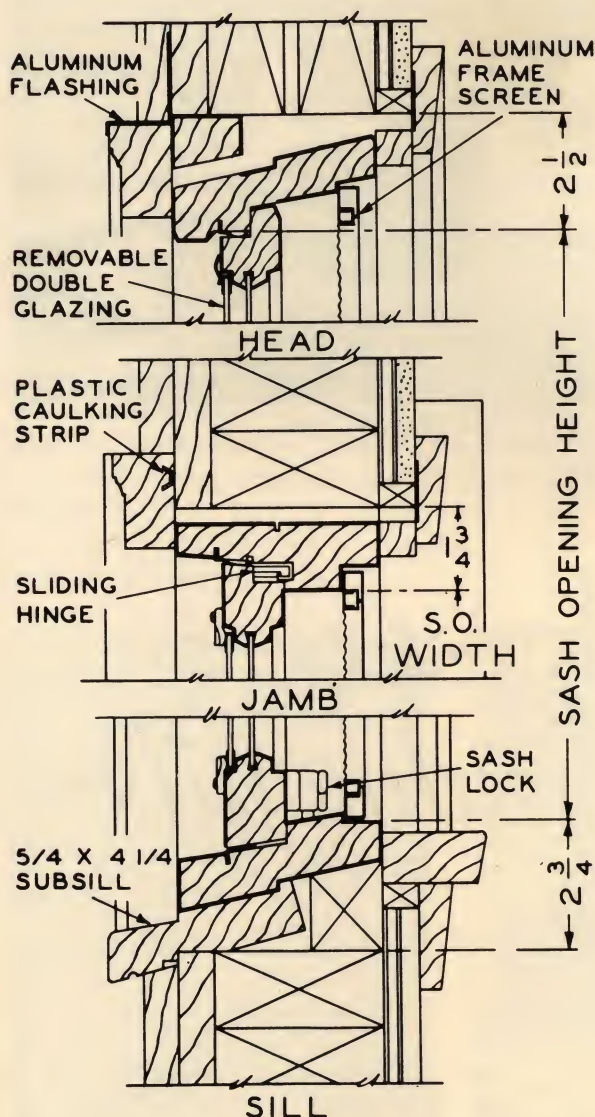
Sash are glazed with quality vision tested glass by a new improved groove glazing method.

Factory assembled unit as furnished by Andersen includes *frame* and *sash*, with sash hung on *sliding hinges* and *weatherstrips* installed.

Exterior casings, subsills and other parts required to complete the installation are to be supplied locally.

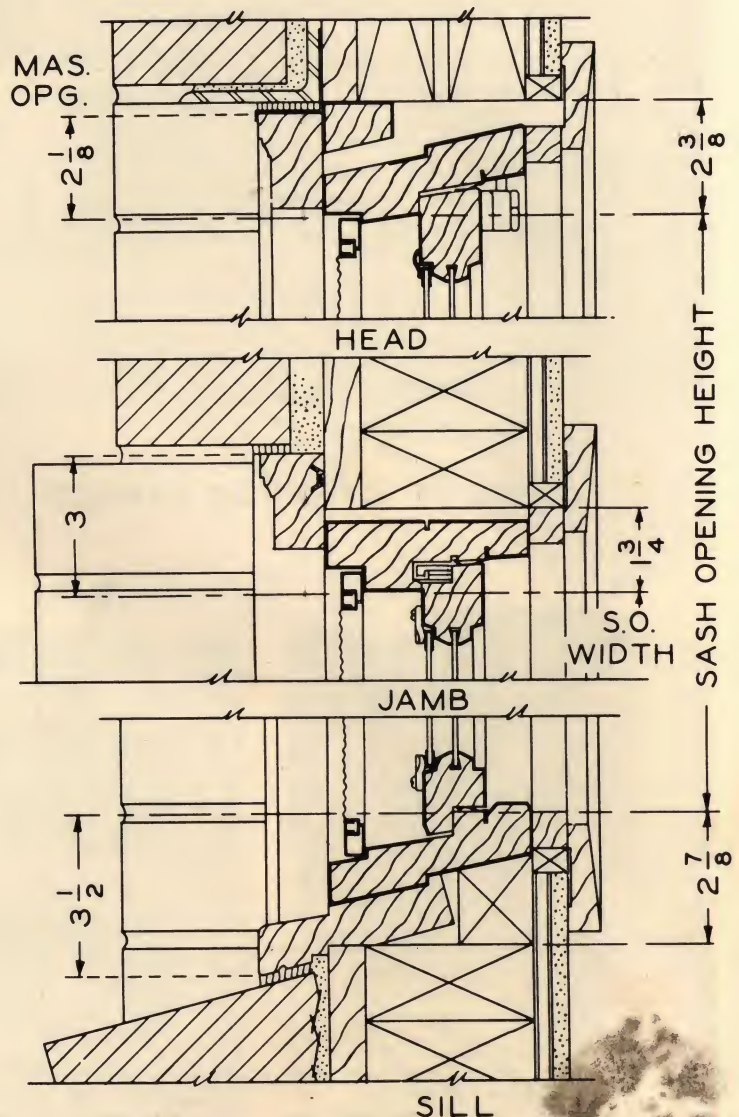
Additional Details will be furnished upon request.

OUTSWINGING OR AWNING VENT POSITION



DETAIL No. FO-10. Unit installed in frame wall with exterior casing and subsill.

INSWINGING OR HOPPER VENT POSITION



DETAIL No. FI-20. Unit installed in brick veneer wall construction.

SCALE: 3"=1'-0"



HOW TO FIGURE OPENING SIZES FOR Andersen FLEXIVENT MULTIPLE UNIT COMBINATIONS

OVERALL SASH OPENING WIDTH — The sum of the individual sash openings plus 3" for each mullion section.

OVERALL ROUGH STUD OPENING WIDTH — Add $3\frac{1}{2}$ " to overall sash opening width.

EXAMPLE—For a group of nine units No. 318.
(As shown in elevation below)

3 individual sash openings 3' 2" each	9' 6"
Add for 2 mullions	6"
Total sash opening width	10' 0"
Add for rough stud opening	$3\frac{1}{2}$ "
Total overall rough stud opening width	10' $3\frac{1}{2}$ "

OVERALL MASONRY OPENING WIDTH—(2" Brick Moulding)—Add 6" to overall sash opening width.

OVERALL SASH OPENING HEIGHTS—The sum of the individual sash opening heights plus $2\frac{7}{8}$ " for each stack section.

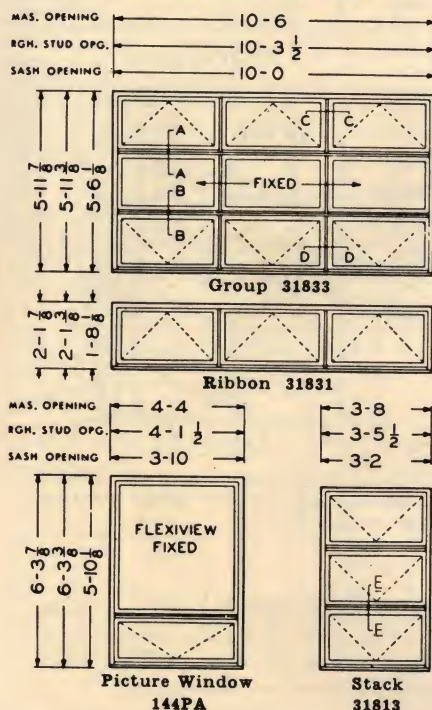
OVERALL ROUGH STUD OPENING HEIGHT—If $1\frac{1}{8}$ " x 4" subsill is used, add $5\frac{1}{4}$ " to overall sash opening height. If no subsill is used, add $3\frac{5}{8}$ " to overall sash opening height.

EXAMPLE—For a group of nine units No. 318
with $1\frac{1}{8}$ " x 4" subsill.

3 individual sash openings $1' 8\frac{1}{8}"$ each	5' $0\frac{3}{8}"$
Add for 2 stack sections $2\frac{7}{8}"$ each	$5\frac{3}{4}"$
Total sash opening height	5' $6\frac{1}{8}"$
Add for rough stud opening	$5\frac{1}{4}"$
Total overall rough stud opening height	5' $11\frac{3}{8}"$

OVERALL MASONRY OPENING HEIGHT—(2" Brick Moulding and $1\frac{1}{8}"$ subsill). Add $5\frac{3}{4}"$ to overall sash opening height.

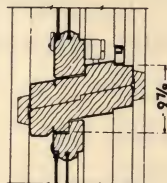
TYPICAL ARRANGEMENTS Flexivent Unit No. 318



Units can be easily and quickly joined with corrugated fasteners or by toe nailing reinforced by trim members as shown in sectional details.

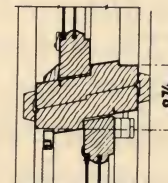
DETAIL SECTIONS

Scale— $1\frac{1}{2}" = 1'-0"$



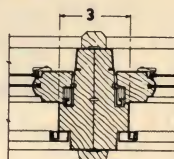
Section A-A

Stack section with awning vent sash - also casement mullion.



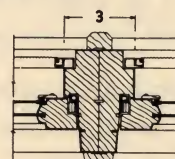
Section B-B

Stack section with upper sash fixed and lower sash hopper vent.



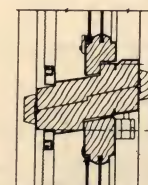
Section C-C

Mullion with awning vent sash.



Section D-D

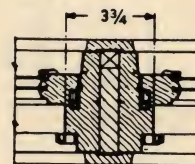
Mullion with hopper vent sash.



Section E-E

Stack section with both sash hopper vent.

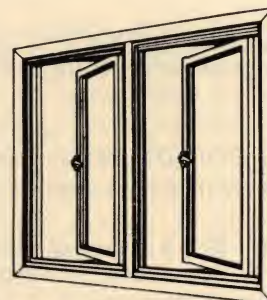
Flexivent groups 3 wide and 3 high or smaller will resist reasonable wind pressures when the units are assembled and installed as recommended by the Andersen Corporation. Groups larger than 3 wide and 3 high require some type of continuous reinforcing member installed at the mullion. For example a $\frac{3}{4}"$ x 4" plywood support running from header to plate, cross nailed through the Flexivent jamb would increase the resistance of the Flexivent group against wind pressure. For recommendations on special wind pressure problems, please consult an architect or structural engineer.





Andersen FLEXIVENT USED AS A CASEMENT WINDOW

Although the Andersen Flexivent can be used as an outswinging casement window, it does not have all of the desirable features of the Andersen Casement shown on Page 6 and we recommend using the Andersen Casement. Never install unit as an in-swinging casement. We recommend all sash, in multiple units, be hinged on the left as viewed from the outside in order to maintain narrow mullions and correct handle position.



CASEMENT TABLE OF SIZES

FOR MULTIPLE UNIT COMBINATIONS

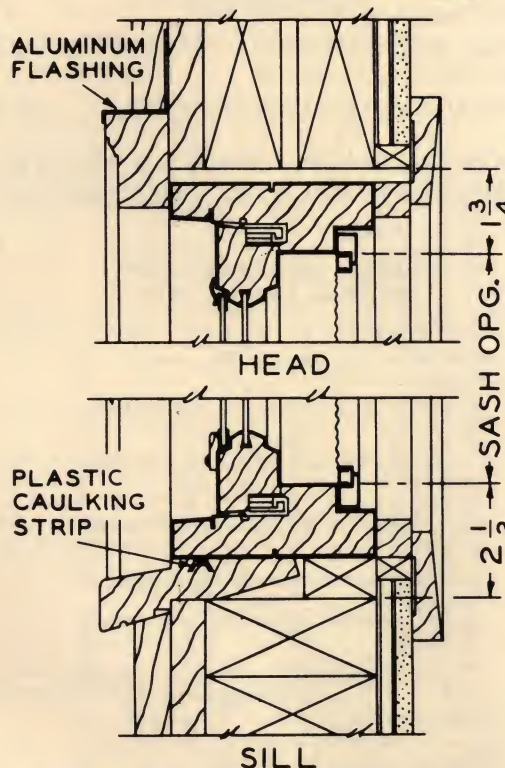
OVERALL SASH OPENING WIDTH—The sum of the individual sash openings plus $2\frac{7}{8}$ " for each mullion section.

OVERALL ROUGH STUD OPENING WIDTH — Add $4\frac{1}{2}$ " to overall sash opening width.

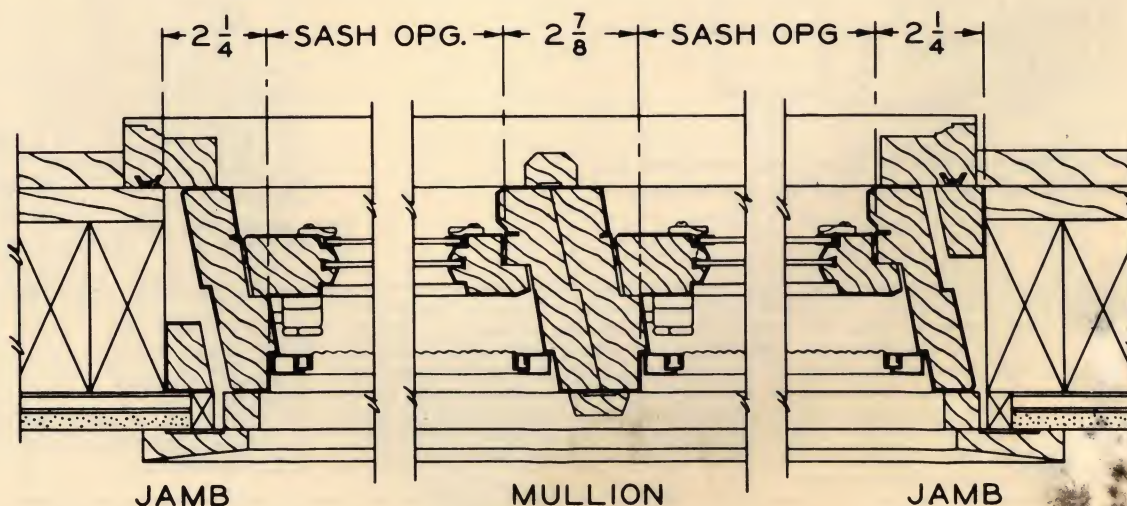
EXAMPLE — For two units No. 318.

2 individual sash openings $1'-8\frac{1}{8}"$	3'- $4\frac{1}{4}"$
Add for one mullion	$2\frac{7}{8}"$
Total sash opening width	3'- $7\frac{1}{8}"$
Add for rough stud opening	$4\frac{1}{2}"$
Total rough stud opening width	3'- $11\frac{5}{8}"$

OVERALL MASONRY OPENING WIDTH—(2" Brick moulding.) Add $5\frac{1}{4}"$ to overall sash opening width.



Detail showing casement head and sill sections. Interior and exterior casing not furnished by Andersen.

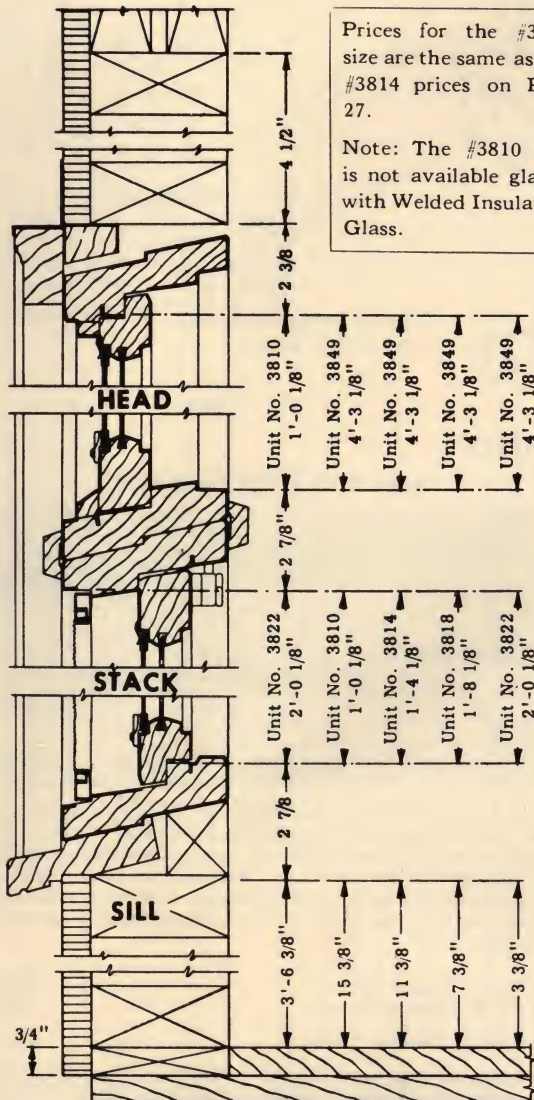




THE CINCINNATI SASH & DOOR CO.



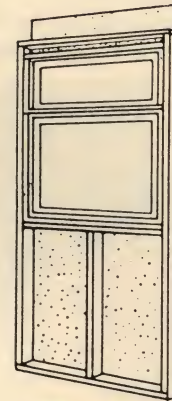
Andersen 3-8 FLEXIVENT AND FLEXIVIEW WINDOW UNITS, ESPECIALLY FOR LU-RE-CO PANELS



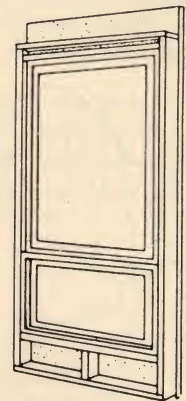
Prices for the #3810 size are the same as the #3814 prices on Page 27.

Note: The #3810 size is not available glazed with Welded Insulating Glass.

WINDOW PANELS



PRIVACY WINDOW

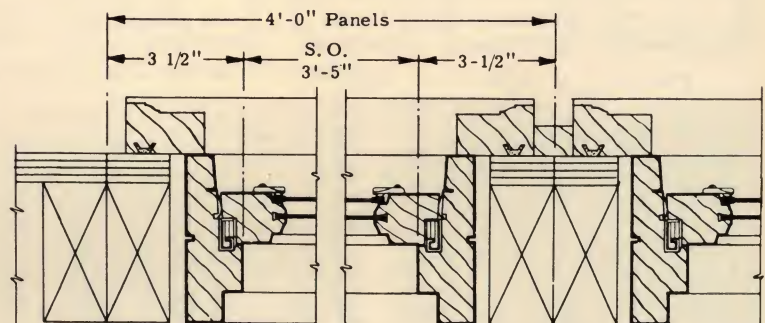


VIEW WINDOW

Window panels shown here are for Andersen Flexivent and Flexiview Units. Windows can be installed when the panels are assembled, thus eliminating another task at the site.

Privacy Windows for bathrooms, bedrooms and kitchens.

View Windows for living and dining areas. Space is left below window for baseboard heating.



JAMB

MULLION

Check with Lu-Re-Co plans for exact size of panels and method of assembly.

Window units should be centered within each panel.



THE CINCINNATI SASH & DOOR CO.

NEW Andersen SEAL-TRIM



Seal-Trim is truly something "Different and Better." Seal-Trim includes Exterior Casings, Aluminum Flashing, Subsill, and Exterior Mullion and Transom Casings. All wood parts are treated with a Toxic Water Repellent Preservative *after* they are cut to unit size. The side casings are equipped with a vinyl plastic sealing gasket as shown in Figure 1. Aluminum flashing is furnished with the head casing as shown in Figure 2. Figure 3 shows the special contour of the subsill which provides a shoulder contact with the siding, the sheathing, and the jamb. These exclusive Seal-Trim features insure a weathertight joining to the wall which may be universally adapted to different types of wall construction.

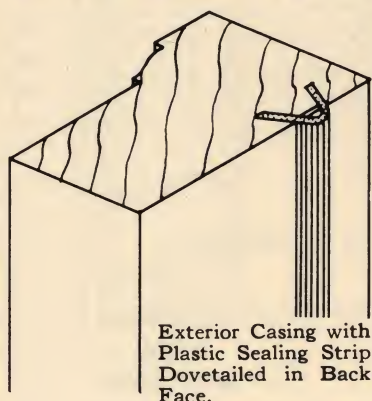


Figure 1

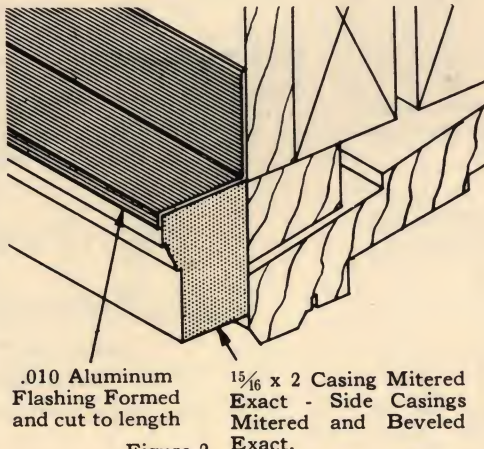


Figure 2

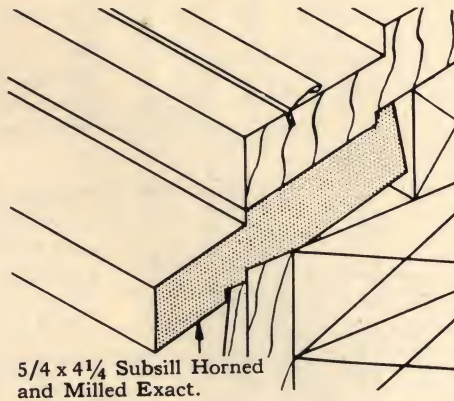
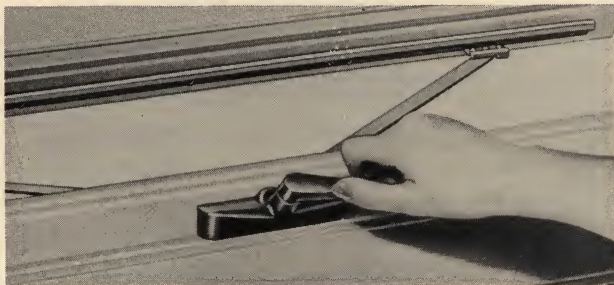


Figure 3

OPTIONAL EQUIPMENT

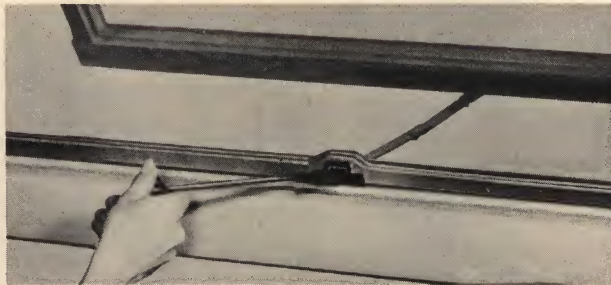
Roto-Lock Operator



A new under-screen operator for awning style ventilating units. The centrally located Roto-Gear, dual arm operator provides positive control, snug corner closing and self-locking in any position. Snap release permits easy cleaning of sash. Color: Statuary Bronze. A special pine stop is furnished with each operator. The Roto-Lock Operator can be easily installed on existing awning style installations, however, a smaller screen is necessary to allow for the stop.

Price Each, Bronze Finish.....\$ 7.00
Price Each, Chrome Finish.....11.00

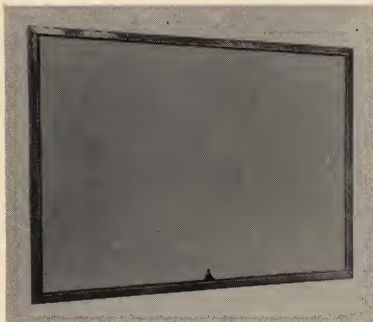
New Bar-Lock Operator



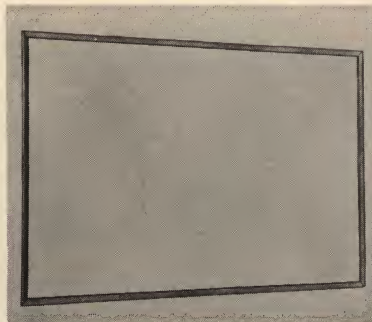
Built-in bow in deflection-bar mounted on sash causes spring action in the center that brings corners of sash in tight. Sash may be open in several different positions without the bar projecting into the room. Color: Statuary Bronze. The Bar-Lock Operator can be easily installed on existing out-swinging installations, however, a screen to permit Bar-Lock operation is necessary.

Price Each, Bronze Finish.....\$3.28
Price Each, Chrome Finish.....5.28

Credit for each Sash Lock returned in original package \$0.80.



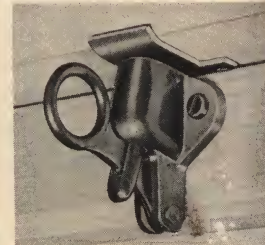
ALUMINUM SCREEN is hinged to easily swing to open position. Screen is on inside for Awning and Casement Type Flexivents, on the outside for Hopper Type Flexivents.



REMOVABLE DOUBLE GLAZING is select quality window glass with an Aluminum Frame. *It should always be placed on the outside of your Flexivent Windows.*



WELDED INSULATING GLASS provides insulation the year around. Two panes of glass welded together and hermetically sealed eliminate the need of Removable Double Glazings.



SNAP LOCK is designed for Hopper Type Flexivents when it is located above normal reach. Can be operated with a hook or standard make window pole.

Price Each
Bronze Finish.....\$1.56
Chrome Finish.....3.52

Andersen **INDIVIDUAL FLEXIVENTS****KNOW WHAT YOU ARE PURCHASING**

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Ventilating or Stationary; Ventilating Sash includes sliding hinges applied, Statuary Bronze-Plated Lock(s) furnished but not applied. Sash may be ordered glazed with Welded Insulating Glass. Aluminum Frame Screen, and Removable Double Glazing may be ordered separately. *Does NOT include Exterior Casings, Drip Cap, Subsill, or Mullion and Transom Casings.*

OVERALL SIZE	2-7 $\frac{5}{8}$ "	3-5	3-8	4-1
RGH. STUD OPG.	2-8 $\frac{1}{2}$ "	3-5 $\frac{1}{2}$ "	3-8 $\frac{1}{2}$ "	4-1 $\frac{1}{2}$ "
SASH OPENING	2-4 $\frac{5}{8}$ "	3-2	3-5	3-10
GLASS SIZE	27"	36 $\frac{3}{8}$ "	39 $\frac{3}{8}$ "	44 $\frac{3}{8}$ "

210

Ventilating Sash, Standard Glazing	\$10.04
Stationary Sash, Standard Glazing	7.68
Ventilating Sash, <i>Welded Glass</i>	17.24
Stationary Sash, <i>Welded Glass</i>	14.88
Aluminum Screen	3.36
Removable Double Glazing	2.28

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214

314

3814

414

Ventilating Sash, Standard Glazing	\$10.76	\$13.28	\$13.80	\$14.72
Stationary Sash, Standard Glazing	8.36	10.12	10.68	11.64
Ventilating Sash, <i>Welded Glass</i>	19.52	23.64	24.64	26.28
Stationary Sash, <i>Welded Glass</i>	17.12	20.48	21.48	23.20
Aluminum Screen	3.64	4.16	4.28	4.76
Removable Double Glazing	2.60	3.40	3.66	4.00

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218

318

3818

418

Ventilating Sash, Standard Glazing	\$11.52	\$14.20	\$14.76	\$15.84
Stationary Sash, Standard Glazing	9.04	10.92	11.44	12.68
Ventilating Sash, <i>Welded Glass</i>	21.60	25.88	27.24	29.04
Stationary Sash, <i>Welded Glass</i>	19.12	22.60	23.92	25.84
Aluminum Screen	3.92	4.48	4.68	5.20
Removable Double Glazing	3.00	3.92	4.12	4.64

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222

322

3822

422

Ventilating Sash, Standard Glazing	\$12.80	\$15.56	\$16.40	\$17.40
Stationary Sash, Standard Glazing	10.08	12.08	12.96	14.04
Ventilating Sash, <i>Welded Glass</i>	24.08	28.92	30.44	32.48
Stationary Sash, <i>Welded Glass</i>	21.36	25.48	27.00	29.08
Aluminum Screen	4.20	4.80	5.08	5.56
Removable Double Glazing	3.32	4.32	4.80	5.28

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330

3830

430

Ventilating Sash, Standard Glazing	\$18.16	\$18.76	\$20.08
Stationary Sash, Standard Glazing	14.88	15.48	16.96
Ventilating Sash, <i>Welded Glass</i>	33.64	35.32	38.32
Stationary Sash, <i>Welded Glass</i>	30.36	32.04	35.20
Aluminum Screen	6.12	6.44	6.96
Removable Double Glazing	5.48	5.68	6.36

See Flexiview Picture Windows on Page 35



Andersen FLEXIVENT COMBINATIONS

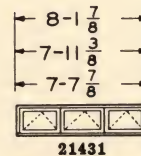
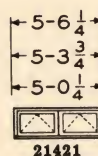
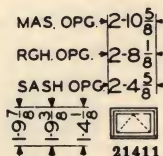


KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilating Sash with Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill, Exterior Mullion and Transom Casings applied; Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Sash may be ordered with Welded Insulating Glass (No R.D.G. included). Includes standard Extension Jamb's $\frac{3}{4}$ " x $\frac{7}{8}$ ". Deduct for No Extension Jamb's \$0.12 lin. ft.

BASIC UNIT NO. 214

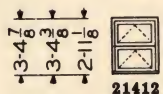
To change a #214 Sash to either Ventilating or Stationary, add or deduct \$2.40 per sash for hardware only.



BASIC UNIT, Standard Glazing.....	\$18.56
BASIC UNIT, Welded Glass.....	27.36
Add for Aluminum Screen(s) (All Ventilating Sash).....	3.64
Add for R.D.G. (All Sash with Std. Glazing).....	2.60

\$33.56
51.12
7.28
5.20

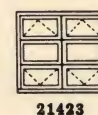
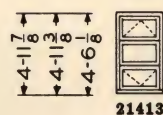
\$49.44
75.76
10.92
7.80



BASIC UNIT, Standard Glazing.....	\$32.64
BASIC UNIT, Welded Glass.....	50.16
Add for Aluminum Screen(s) (All Ventilating Sash).....	7.28
Add for R.D.G. (All Sash with Std. Glazing).....	5.20

\$57.00
92.08
7.28
10.40

\$ 84.44
137.08
10.92
15.60



BASIC UNIT, Standard Glazing.....	\$43.40
BASIC UNIT, Welded Glass.....	69.60
Add for Aluminum Screen(s) (All Ventilating Sash).....	7.28
Add for R.D.G. (All Sash with Std. Glazing).....	7.80

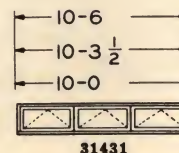
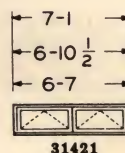
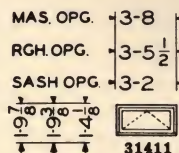
\$ 83.24
135.88
14.56
15.60

\$126.60
205.52
21.84
23.40

For Roto-Lock Operator applied on above units, Add \$8.52 per Vent. Sash. For Bar-Lock Operator applied, Add \$3.60 per Vent. Sash

BASIC UNIT NO. 314

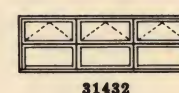
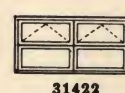
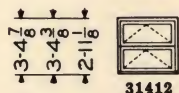
To change a #314 Sash to either Ventilating or Stationary, add or deduct \$3.16 per sash for hardware only.



BASIC UNIT, Standard Glazing.....	\$21.92
BASIC UNIT, Welded Glass.....	32.24
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.16
Add for R.D.G. (All Sash with Std. Glazing).....	3.40

\$40.60
61.28
8.32
6.80

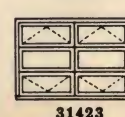
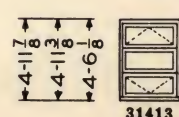
\$59.40
90.40
12.48
10.20



BASIC UNIT, Standard Glazing.....	\$38.56
BASIC UNIT, Welded Glass.....	59.24
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.32
Add for R.D.G. (All Sash with Std. Glazing).....	6.80

\$ 67.68
109.02
8.32
13.60

\$ 99.88
161.92
12.48
20.40



BASIC UNIT, Standard Glazing.....	\$51.04
BASIC UNIT, Welded Glass.....	82.08
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.32
Add for R.D.G. (All Sash with Std. Glazing).....	10.20

\$ 99.08
161.12
16.64
20.40

\$149.76
242.84
24.96
30.60




For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash



Andersen FLEXIVENT COMBINATIONS



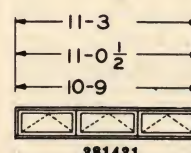
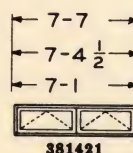
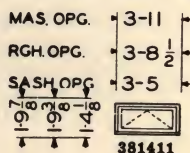
BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT

Combinations shown are suggested layouts, and may be subject to change. Ventilating Sash marked  are Awning Type and swing towards the outside from the bottom, Ventilating Sash marked  are Hopper Type and swing towards the inside from the top, Sash with no Markings  are Stationary. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.

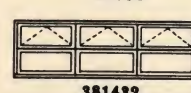
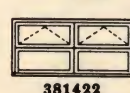
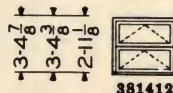
BASIC UNIT NO. 3814

To change a #3814 Sash to either Ventilating or Stationary, add or deduct \$3.12 per sash for hardware only.

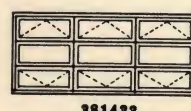
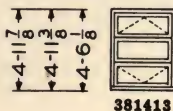
BASIC UNIT, Standard Glazing.....	\$22.64
BASIC UNIT, Welded Glass.....	33.44
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.28
Add for R.D.G. (All Sash with Std. Glazing).....	3.56



BASIC UNIT, Standard Glazing.....	\$39.80
BASIC UNIT, Welded Glass.....	61.44
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.56
Add for R.D.G. (All Sash with Std. Glazing).....	7.12



BASIC UNIT, Standard Glazing.....	\$52.88
BASIC UNIT, Welded Glass.....	85.32
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.56
Add for R.D.G. (All Sash with Std. Glazing).....	10.68

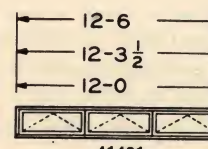
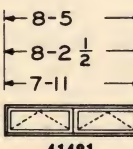
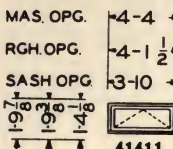


For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash

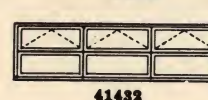
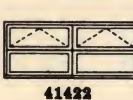
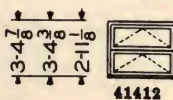
BASIC UNIT NO. 414

To change a #414 Sash to either Ventilating or Stationary, add or deduct \$3.08 per sash for hardware only.

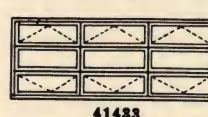
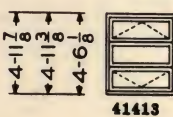
BASIC UNIT, Standard Glazing.....	\$24.00
BASIC UNIT, Welded Glass.....	35.56
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.76
Add for R.D.G. (All Sash with Std. Glazing).....	4.00



BASIC UNIT, Standard Glazing.....	\$42.12
BASIC UNIT, Welded Glass.....	65.24
Add for Aluminum Screen(s) (All Ventilating Sash).....	9.52
Add for R.D.G. (All Sash with Std. Glazing).....	8.00



BASIC UNIT, Standard Glazing.....	\$56.20
BASIC UNIT, Welded Glass.....	90.88
Add for Aluminum Screen(s) (All Ventilating Sash).....	9.52
Add for R.D.G. (All Sash with Std. Glazing).....	12.00



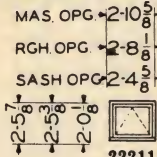
For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash

**Andersen FLEXIVENT COMBINATIONS****KNOW WHAT YOU ARE PURCHASING**

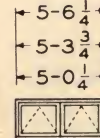
BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilating Sash with Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill, Exterior Mullion and Transom Casings applied; Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Sash may be ordered with Welded Insulating Glass (No R.D.G. included). Includes standard Extension Jamb $\frac{3}{4}$ " x $\frac{7}{8}$ ". Deduct for No Extension Jamb \$0.12 lin. ft.

BASIC UNIT NO. 222

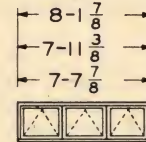
To change a #222 Sash to either Ventilating or Stationary, add or deduct \$2.72 per sash for hardware only.



\$21.12



\$38.24



\$56.24

BASIC UNIT, Standard Glazing.....	\$21.12
BASIC UNIT, Welded Glass.....	32.40
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.20
Add for R.D.G. (All Sash with Std. Glazing).....	3.32

60.80

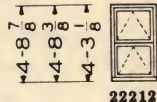
8.40

6.64

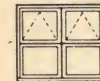
90.08

12.60

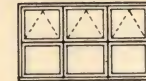
9.96



\$37.84



\$ 65.84



\$ 97.16

BASIC UNIT, Standard Glazing.....	\$37.84
BASIC UNIT, Welded Glass.....	60.40
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.40
Add for R.D.G. (All Sash with Std. Glazing).....	6.64

110.96

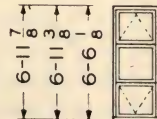
8.40

13.28

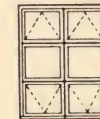
164.84

12.60

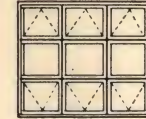
19.92



\$50.84



\$ 96.84



\$146.24

BASIC UNIT, Standard Glazing.....	\$50.84
BASIC UNIT, Welded Glass.....	84.68
Add for Aluminum Screen(s) (All Ventilating Sash).....	8.40
Add for R.D.G. (All Sash with Std. Glazing).....	9.96

164.52

16.80

19.92

247.76

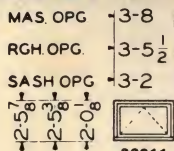
25.20

29.88

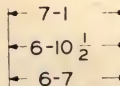
For Roto-Lock Operator applied on above units, Add \$8.52 per Vent. Sash. For Bar-Lock Operator applied, Add \$3.60 per Vent. Sash

BASIC UNIT NO. 322

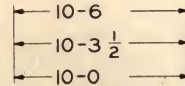
To change a #322 Sash to either Ventilating or Stationary, add or deduct \$3.44 per sash for hardware only.



\$24.68



\$45.68



\$ 66.80

BASIC UNIT, Standard Glazing.....	\$24.68
BASIC UNIT, Welded Glass.....	38.04
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.80
Add for R.D.G. (All Sash with Std. Glazing).....	4.32

72.40

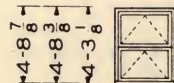
9.60

8.64

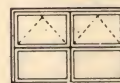
106.92

14.40

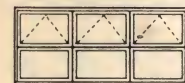
12.96



\$44.20



\$ 77.36



\$113.92

BASIC UNIT, Standard Glazing.....	\$44.20
BASIC UNIT, Welded Glass.....	70.92
Add for Aluminum Screen(s) (All Ventilating Sash).....	9.60
Add for R.D.G. (All Sash with Std. Glazing).....	8.64

130.84

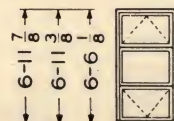
9.60

17.28

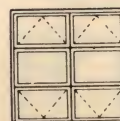
194.12

14.40

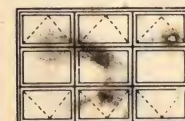
25.92



\$59.24



\$114.00



\$171.36

BASIC UNIT, Standard Glazing.....	\$59.24
BASIC UNIT, Welded Glass.....	99.36
Add for Aluminum Screen(s) (All Ventilating Sash).....	9.60
Add for R.D.G. (All Sash with Std. Glazing).....	12.96

194.20

19.20

25.92




291.72

28.80

38.88

For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash

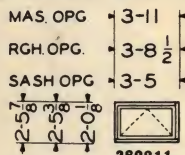
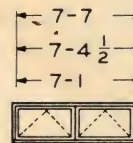
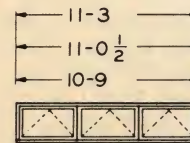
**Andersen FLEXIVENT COMBINATIONS****BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT**

Combinations shown are suggested layouts, and may be subject to change. Ventilating Sash marked  are Awning Type and swing towards the outside from the bottom, Ventilating Sash marked  are Hopper Type and swing towards the inside from the top, Sash with no Markings  are Stationary. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. **UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.**

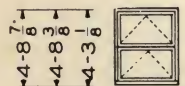
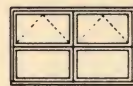
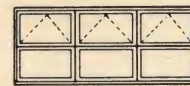
BASIC UNIT NO. 3822

To change a #3822 Sash to either Ventilating or Stationary, add or deduct \$3.44 per sash for hardware only.

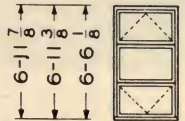
BASIC UNIT, Standard Glazing.....	\$25.72
BASIC UNIT, <i>Welded Glass</i>	39.76
Add for Aluminum Screen(s) (All Ventilating Sash).....	5.08
Add for R.D.G. (All Sash with Std. Glazing).....	4.80

**382211****382221****382231**

	\$47.92	\$ 70.28
	76.00	112.40
	10.16	15.24
	9.60	14.40

**382212****382222****382232**

BASIC UNIT, Standard Glazing.....	\$46.08	\$ 81.40	\$120.04
BASIC UNIT, <i>Welded Glass</i>	74.16	137.56	204.28
Add for Aluminum Screen(s) (All Ventilating Sash).....	10.16	10.16	15.24
Add for R.D.G. (All Sash with Std. Glazing).....	9.60	19.20	28.80

**382213****382223****382233**

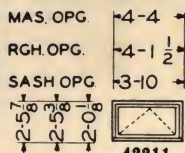
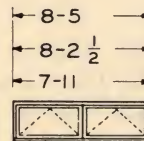
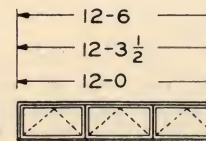
BASIC UNIT, Standard Glazing.....	\$ 62.04	\$119.72	\$180.08
BASIC UNIT, <i>Welded Glass</i>	104.16	203.96	306.44
Add for Aluminum Screen(s) (All Ventilating Sash).....	10.16	20.32	30.48
Add for R.D.G. (All Sash with Std. Glazing).....	14.40	28.80	43.20

For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash

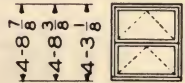
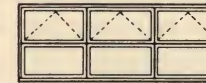
BASIC UNIT NO. 422

To change a #422 Sash to either Ventilating or Stationary, add or deduct \$3.36 per sash for hardware only.

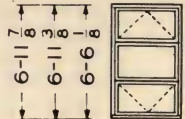
BASIC UNIT, Standard Glazing.....	\$27.16
BASIC UNIT, <i>Welded Glass</i>	42.20
Add for Aluminum Screen(s) (All Ventilating Sash).....	5.56
Add for R.D.G. (All Sash with Std. Glazing).....	5.28

**42211****42221****42231**

	\$50.76	\$ 74.48
	80.88	119.68
	11.12	16.68
	10.56	15.84

**42212****42222****42232**

BASIC UNIT, Standard Glazing.....	\$48.56	\$ 86.40	\$127.48
BASIC UNIT, <i>Welded Glass</i>	78.68	146.68	217.88
Add for Aluminum Screen(s) (All Ventilating Sash).....	11.12	11.12	16.68
Add for R.D.G. (All Sash with Std. Glazing).....	10.56	21.12	31.68

**42213****42223****42233**

BASIC UNIT, Standard Glazing.....	\$ 65.60	\$126.76	\$190.60
BASIC UNIT, <i>Welded Glass</i>	110.80	217.20	326.24
Add for Aluminum Screen(s) (All Ventilating Sash).....	11.12	22.24	33.36
Add for R.D.G. (All Sash with Std. Glazing).....	15.84	31.68	47.52

For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash



THE CINCINNATI SASH & DOOR CO.

Andersen 30" FLEXIVENT COMBINATIONS

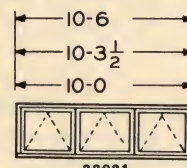
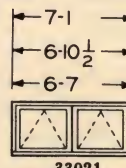
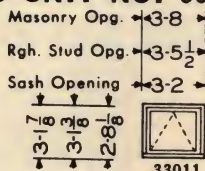


KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilating Sash with Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill, Exterior Mullion and Transom Casings applied; Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Sash may be ordered with Welded Insulating Glass (No R.D.G. included).

BASIC UNIT NO. 330

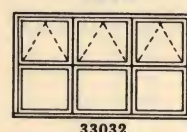
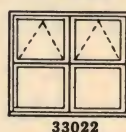
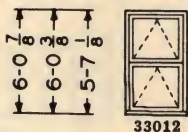
To change a #330 Sash to either Ventilating or Stationary, add or deduct \$3.28 per sash for hardware only.



BASIC UNIT, Standard Glazing	\$27.72
BASIC UNIT, Welded Glass	43.20
Add for Aluminum Screen(s) (All Ventilating Sash)	6.12
Add for R.D.G. (All Sash with Standard Glazing)	5.48

\$51.40
82.36
12.24
10.96

\$ 75.20
121.64
18.36
16.44



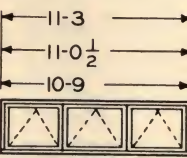
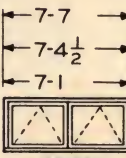
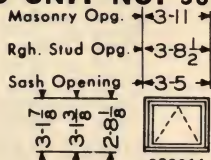
BASIC UNIT, Standard Glazing	\$50.16
BASIC UNIT, Welded Glass	81.12
Add for Aluminum Screen(s) (All Ventilating Sash)	12.24
Add for R.D.G. (All Sash with Standard Glazing)	10.96

\$ 89.04
150.96
12.24
21.92

\$131.24
224.12
18.36
32.88

BASIC UNIT NO. 3830

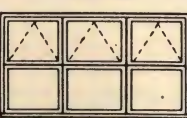
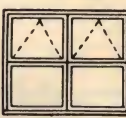
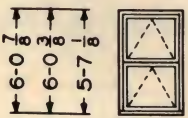
To change a #3830 Sash to either Ventilating or Stationary, add or deduct \$3.28 per sash for hardware only.



BASIC UNIT, Standard Glazing	\$28.52
BASIC UNIT, Welded Glass	45.08
Add for Aluminum Screen(s) (All Ventilating Sash)	6.44
Add for R.D.G. (All Sash with Standard Glazing)	5.68

\$53.12
86.24
12.88
11.36

\$ 77.88
127.56
19.32
167.04



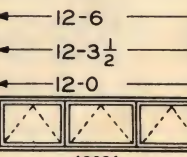
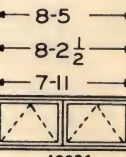
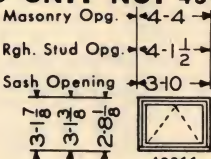
BASIC UNIT, Standard Glazing	\$51.52
BASIC UNIT, Welded Glass	84.68
Add for Aluminum Screen(s) (All Ventilating Sash)	12.88
Add for R.D.G. (All Sash with Standard Glazing)	11.36

\$ 92.00
158.24
12.88
22.72

\$135.64
235.04
19.32
34.08

BASIC UNIT NO. 430

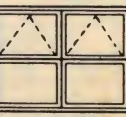
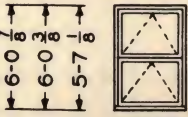
To change a #430 Sash to either Ventilating or Stationary, add or deduct \$3.28 per sash for hardware only.



BASIC UNIT, Standard Glazing	\$30.28
BASIC UNIT, Welded Glass	48.52
Add for Aluminum Screen(s) (All Ventilating Sash)	6.96
Add for R.D.G. (All Sash with Standard Glazing)	6.36

\$56.68
93.12
13.92
12.72

\$ 83.16
137.84
20.88
19.08



BASIC UNIT, Standard Glazing	\$54.72
BASIC UNIT, Welded Glass	91.16
Add for Aluminum Screen(s) (All Ventilating Sash)	13.92
Add for R.D.G. (All Sash with Standard Glazing)	12.72

\$ 98.56
171.48
13.92
25.44

\$145.48
254.84
20.88
38.16

For Roto-Lock Operator applied on above units, Add \$7.72 per Vent. Sash. For Bar-Lock Operator applied, Add \$2.80 per Vent. Sash.



THE CINCINNATI SASH & DOOR CO.

Andersen INDIVIDUAL FLEXIVIEWS






Frame A View

Andersen Flexiview Units are the picture window partners to the versatile Andersen Flexivent. Combinations of Flexiviews and Flexivents provide a frame for a pleasant view plus ample sunshine and ventilation. Flexivents may be stacked either below and/or above Flexiviews as shown on pages 36 and 37. Two #22 height Flexivent Units may be stacked two-high and be used on either side or on both sides of the Flexiview as shown on page 38. The #30 height stacked with a #14 height will also line up with the Flexiview. Versatile combinations like these allow a variety of arrangements of window beauty.

KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Stationary; Sash may be ordered glazed with Insulating Glass. Removable Double Glazing may be ordered separately. *Does NOT include Exterior Casings, Drip Cap, Subsill, or Mullion and Transom Casings.*

OVERALL SIZE	3-5	3-8	4-1
RGM. STUD OPG.	3-5 1/2	3-8 1/2	4-1 1/2
SASH OPENING	3-2	3-5	3-10
GLASS SIZE	36 3/8"	39 3/8"	44 3/8"
4-7 1/2"			
4-8 3/8"			
4-3 3/8"			
49"			
	349	3849	449
	\$55.24	\$57.84	\$62.20
	23.40	24.96	25.88
	12.76	14.20	14.40

Picture Sash, Glazed Insulating Glass	
Picture Sash, Glazed DS	
Removable Double Glazing	

Flexiview Units are glazed with selected quality vision-tested window glass. The glass is specially cut and glazed to eliminate objectionable distortion when the unit is used in the vertical position as shown. If the unit is installed horizontally, it is possible that the advantages of the selected cutting of the glass will be lost.

**Andersen FLEXIVIEW COMBINATIONS****KNOW WHAT YOU ARE PURCHASING**

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Picture Sash glazed DSA Twindow or glazed DS priced separately; Ventilating Sash includes Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill Exterior Mullion and Transom Casings applied. Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Ventilating Sash may be ordered with Welded Insulating Glass (No R.D.G. included). Includes standard Extension Jambs $\frac{3}{4}$ " x $\frac{1}{8}$ ". Deduct for No Extension Jambs \$0.12 lin. ft.

	MAS. OPG. RGH. OPG.	3-8 3-5 $\frac{1}{2}$	7-1 6-10 $\frac{1}{2}$	10-6 10-3 $\frac{1}{2}$
		1349		2349
COMPLETE UNIT, Glazed DSA Twindow		\$68.00	\$131.92	\$195.96
COMPLETE UNIT, Glazed DS		36.16	68.28	100.24
Add for R.D.G. (Picture Sash Glazed DS)		12.76	25.52	38.28
		134PA		234PA
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Standard Glazing		\$83.72	\$163.40	\$245.76
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass		94.04	184.06	276.76
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing		51.88	99.72	150.24
Add for Aluminum Screen(s) (All Ventilating Sash)		4.16	8.32	12.48
Add for R.D.G. (All Flexivent Sash with Std. Glazing)		3.40	6.80	10.20
Add for R.D.G. (All Picture Sash Glazed DS)		12.76	25.52	38.28
		138PA		238PA
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Standard Glazing		\$85.00	\$165.64	\$248.92
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass		96.72	189.04	284.00
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing		53.16	101.96	153.40
Add for Aluminum Screen(s) (All Ventilating Sash)		4.48	8.96	13.44
Add for R.D.G. (All Flexivent Sash with Std. Glazing)		3.92	7.84	11.76
Add for R.D.G. (All Picture Sash Glazed DS)		12.76	25.52	38.28
		132PA		232PA
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Standard Glazing		\$86.52	\$168.56	\$253.20
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass		99.92	195.28	293.32
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing		54.72	104.88	156.28
Add for Aluminum Screen(s) (All Ventilating Sash)		4.80	9.60	14.40
Add for R.D.G. (All Flexivent Sash with Std. Glazing)		4.32	8.64	12.96
Add for R.D.G. (All Picture Sash Glazed DS)		12.76	25.52	38.28

If Ventilating Sash are changed to Awning Type we recommend using the Roto-Lock Operator or Bar-Lock Operator. For Roto-Lock Operator applied Add \$7.72 per Ventilating Sash. For Bar-Lock Operator applied Add \$2.80 per Ventilating Sash.






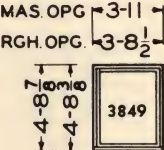
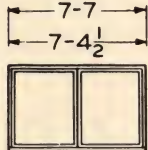
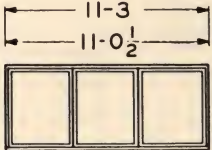
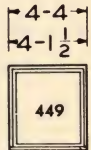
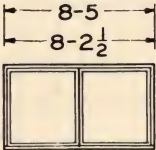
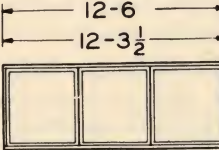
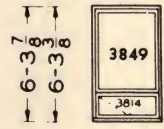


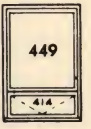


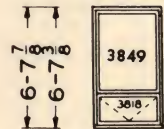


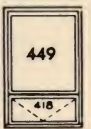


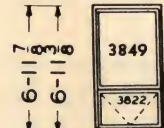





THE CINCINNATI SASH & DOOR CO.

Andersen FLEXIVIEW COMBINATIONS



BE SURE YOUR ORDER SPECIFIES EXACTLY WHAT YOU WANT

Combinations shown are suggested layouts, and may be subject to change. Ventilating Sash marked  are Awning Type and swing towards the outside from the bottom, Ventilating Sash marked  are Hopper Type and swing towards the inside from the top, Sash with no Markings  are Stationary. All sash will be operated as shown unless otherwise specified. Be sure to specify changes from the suggested layout on your order. To avoid any confusion submit a pencil sketch with your order. UNITS ORDERED SET-UP CANNOT BE RETURNED FOR CREDIT.

 13849 \$70.80 37.96 14.20	 23849 \$137.68 71.96 28.40	 33849 \$204.40 106.88 42.60	 1449 \$75.64 39.32 14.40	 2449 \$147.28 74.64 28.80	 3449 \$218.80 109.84 43.20
 184PA \$87.04 97.88 54.20 4.28 3.56 14.20	 284PA \$170.20 191.84 104.48 8.56 7.12 28.40	 384PA \$256.08 288.48 157.48 12.84 10.86 42.60	 144PA \$ 92.84 104.40 56.52 4.76 4.00 14.40	 244PA \$181.76 204.88 109.12 9.52 8.00 28.80	 344PA \$273.28 307.96 164.32 14.28 12.00 34.20
 188PA \$ 88.36 100.84 55.52 4.68 4.12 14.20	 288PA \$172.48 197.48 106.76 9.36 8.24 28.40	 388PA \$259.28 296.76 160.72 14.04 12.36 42.60	 148PA \$ 94.32 161.52 58.00 5.20 4.64 14.40	 248PA \$184.40 210.76 111.76 10.40 9.28 28.80	 348PA \$277.08 316.64 168.12 15.60 13.92 43.20
 182PA \$ 90.20 104.24 57.32 5.08 4.80 14.20	 282PA \$176.00 204.08 110.28 10.16 9.60 28.40	 382PA \$264.48 306.60 165.92 15.24 14.40 42.60	 142PA \$ 96.04 111.12 59.72 5.56 5.28 14.40	 242PA \$187.68 217.80 115.04 11.12 10.56 28.80	 342PA \$281.92 327.16 172.96 16.68 15.84 43.20

If Ventilating Sash are changed to Awning Type we recommend using the Roto-Lock Operator or Bar-Lock Operator. For Roto-Lock Operator applied Add \$7.72 per Ventilating Sash. For Bar-Lock Operator applied Add \$2.80 per Ventilating Sash.



Andersen FLEXIVIEW COMBINATIONS

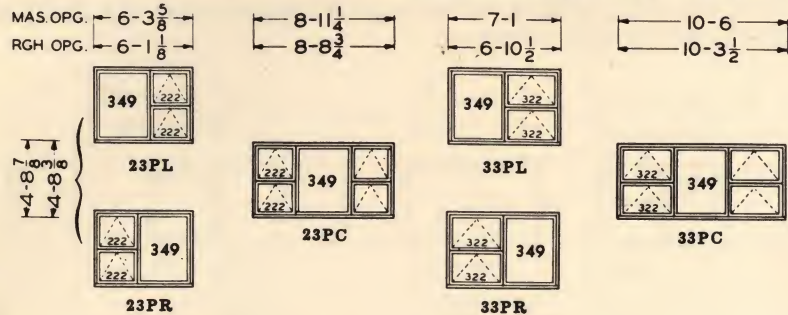


KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Picture Sash glazed DSA Twindow or glazed DS priced separately; Ventilating Sash includes Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill Exterior Mullion and Transom Casings applied. Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Ventilating Sash may be ordered with Welded Insulating Glass (No R.D.G. included). Includes standard Extension Jamb $\frac{3}{4}$ " x $\frac{7}{8}$ ". Deduct for No Extension Jamb \$0.12 lin. ft.

To change a #222 Ventilating Sash to Stationary, deduct \$2.72 per sash for hardware only.

For Roto-Lock Operator applied on a #222 Ventilating Sash, add \$8.52 per Ventilating Sash.

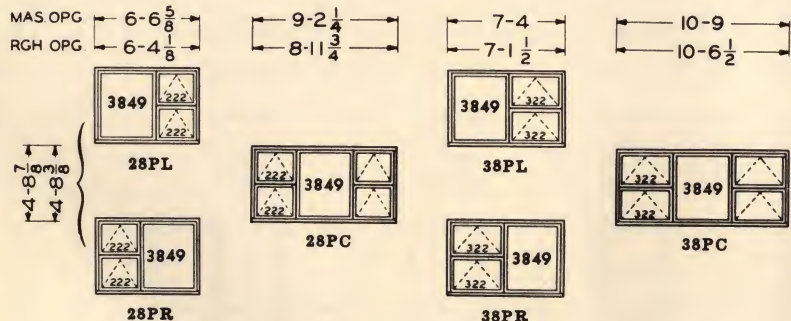


BASIC UNIT, Picture Sash Glazed DSA Twindow

Flexivent Sash, Standard Glazing	\$102.32	\$136.68	\$108.12	\$148.12
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass	124.88	181.80	134.84	201.60
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing	70.52	104.84	76.28	116.28
Add for Aluminum Screen(s) (All Ventilating Sash)	8.40	16.80	9.60	19.20
Add for R.D.G. (All Flexivent Sash with Std. Glazing)	6.64	13.28	8.64	17.28
Add for R.D.G. (Picture Sash Glazed DS)	12.76	12.76	12.76	12.76

To change a #322 Ventilating Sash to Stationary, deduct \$3.44 per sash for hardware only.

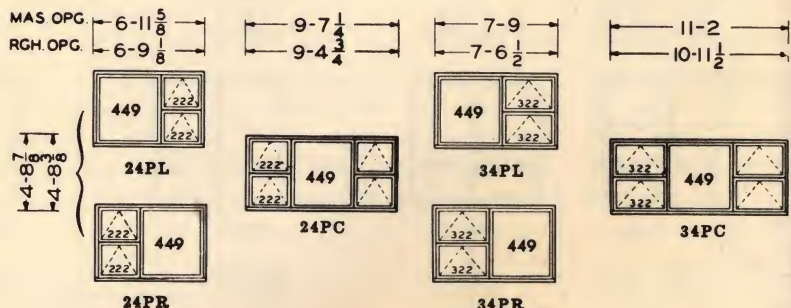
For Roto-Lock Operator applied on a #322 Ventilating Sash, add \$7.72 per Ventilating Sash.



BASIC UNIT, Picture Sash Glazed DSA Twindow

Flexivent Sash, Standard Glazing	\$105.04	\$139.40	\$111.12	\$151.48
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass	127.60	184.52	137.88	204.96
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing	72.20	106.52	78.28	118.64
Add for Aluminum Screen(s) (All Ventilating Sash)	8.40	16.80	9.60	19.20
Add for R.D.G. (All Flexivent Sash with Std. Glazing)	6.64	13.28	8.64	17.28
Add for R.D.G. (Picture Sash Glazed DS)	14.20	14.20	14.20	14.20

For Bar-Lock Operator applied on any #222 Ventilating Sash, Add \$3.60 per Ventilating Sash. For #322, Add \$2.80 per Sash.



BASIC UNIT, Picture Sash Glazed DSA Twindow

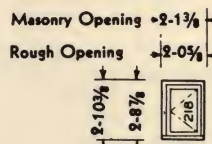
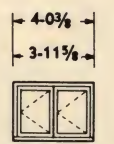
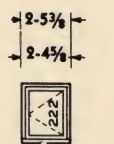
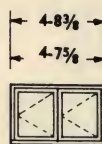
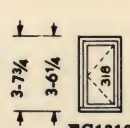


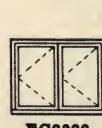
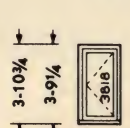

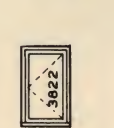
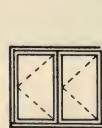
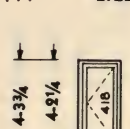

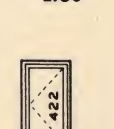
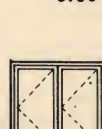
Flexivent Sash, Standard Glazing	\$109.44	\$143.88	\$116.16	\$156.00
BASIC UNIT, Picture Sash Glazed DSA Twindow				
Flexivent Sash, Welded Glass	132.00	189.00	142.92	209.48
BASIC UNIT, Picture Sash Glazed DS				
Flexivent Sash, Standard Glazing	73.12	107.56	79.84	119.68
Add for Aluminum Screen(s) (All Ventilating Sash)	8.40	16.80	9.60	19.20
Add for R.D.G. (All Flexivent Sash with Std. Glazing)	6.64	13.28	8.64	17.28
Add for R.D.G. (Picture Sash Glazed DS)	14.40	14.40	14.40	14.40



Andersen FLEXIVENTS USED AS CASEMENTS

KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash; Ventilation Sash includes Statuary Bronze-Plated Lock(s); Andersen SEALTRIM Chemically Treated Exterior Casings, Subsill, Exterior Mullion and Transom Casings applied. Aluminum Flashing furnished. (*Drip Cap is not furnished. Aluminum Flashing provides weathertight joining at head.*) Sash may be ordered with *Welded Insulating Glass (No R.D.G. included)*. Includes standard Extension Jamb $\frac{3}{4}$ " x $\frac{7}{8}$ ". Deduct for No Extension Jamb \$0.12 lin. ft.

				
	FC1218	FC2218	FC1222	FC2222
BASIC UNIT, Standard Glazing.....	\$19.20	\$34.52	\$20.72	\$37.92
BASIC UNIT, Welded Glass.....	29.28	54.64	32.00	60.48
Add for Aluminum Screen(s) (All Ventilating Sash).....	3.92	7.84	4.20	8.40
Add for R.D.G. (All Sash with Std. Glazing).....	3.00	6.00	3.32	6.64
				
	FC1318	FC2318	FC1322	FC2322
BASIC UNIT, Standard Glazing.....	\$22.60	\$40.64	\$24.20	\$44.20
BASIC UNIT, Welded Glass.....	34.32	64.04	37.56	70.92
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.48	8.96	4.80	9.60
Add for R.D.G. (All Sash with Std. Glazing).....	3.92	7.84	4.32	8.64
				
	FC1818	FC2818	FC1822	FC2822
BASIC UNIT, Standard Glazing.....	\$23.32	\$41.92	\$25.20	\$46.08
BASIC UNIT, Welded Glass.....	35.80	66.88	39.24	74.16
Add for Aluminum Screen(s) (All Ventilating Sash).....	4.68	9.36	5.08	10.16
Add for R.D.G. (All Sash with Std. Glazing).....	4.12	8.24	4.80	9.60
				
	FC1418	FC2418	FC1422	FC2422
BASIC UNIT, Standard Glazing.....	\$24.72	\$44.48	\$26.52	\$48.40
BASIC UNIT, Welded Glass.....	37.92	70.84	41.56	78.52
Add for Aluminum Screen(s) (All Ventilating Sash).....	5.20	10.40	5.56	11.12
Add for R.D.G. (All Sash with Std. Glazing).....	4.64	9.28	5.28	10.56

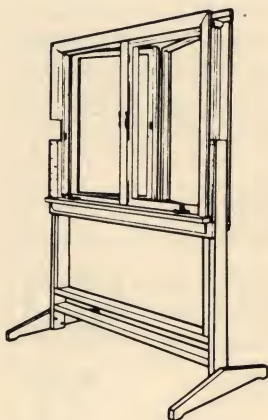
For Bar-Lock Operator applied on any Sash in #200 Series, Add \$3.60 per Sash.

For Bar-Lock Operator applied on any other Sash, Add \$2.80 per Sash

Never install Unit as an inswinging casement. We recommend all sash in multiple units be hinged on the Left as viewed from the outside in order to maintain narrow mullions and correct handle position. See page 24 for details.



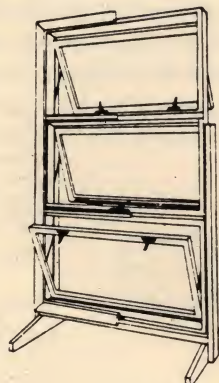
Andersen DEMONSTRATION MODELS



ANDERSEN CASEMENT WINDOWS

FLOOR MODEL—Display Sample No. W2N3 or No. W2H3 with two sets of Roto Gear Hardware, one Screen, and one Removable Double Glazing Panel. Pine inside trim. Display completely assembled and varnished.....\$51.32

Add \$9.32 if Welded Insulating Glass is wanted in one sash.

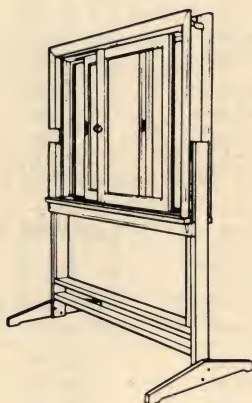


ANDERSEN FLEXIVENT WINDOW

FLOOR MODEL—Display sample No. 31813 consisting of three units No. 318 stacked. Top unit awning type sash with Aluminum screen. Center unit awning type sash with Aluminum screen and *either* Roto Lock Operator or Bar Lock Operator. *Be sure to specify the type of operator you desire.* Bottom unit hopper type sash, Aluminum screen and Removable Double Glazing. One of awning type sash may be ordered with Welded Insulating Glass.

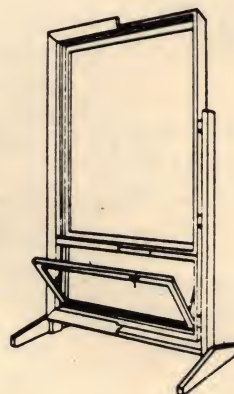
Display completely assembled with stand and varnished \$50.64 .

Add \$9.32 if one sash is to be furnished with Welded Insulating Glass. Add \$2.68 if both Roto-Lock and Bar-Lock Operator are wanted.



ANDERSEN GLIDING WINDOW

FLOOR MODEL—Display Sample No. 48038 or No. 4838 with Screen, one Removable Double Glazing Panel and Pine Trim. Display assembled and varnished....\$47.36

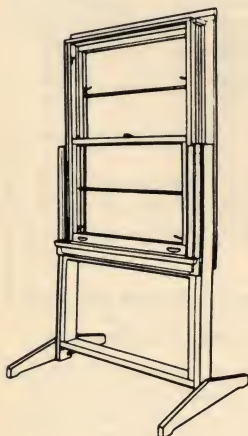


ANDERSEN FLEXIVIEW WINDOW

FLOOR MODEL—Display sample No. 134PA consisting of one Flexiview unit No. 349 glazed DS installed above one Flexivent unit No. 314 hopper vent sash, glazed SS, Aluminum screen and Removable Double Glazing.

Display completely assembled with stand and varnished.....\$38.00

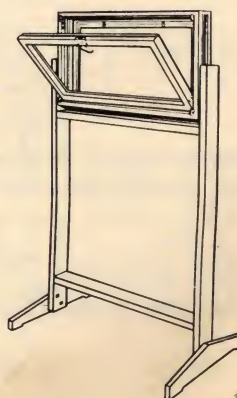
Add \$20.00 for Flexiview sash glazed with DSA Twindow.



ANDERSEN PRESSURE SEAL D. H. WINDOW

FLOOR MODEL—Display Sample 2-8 x 3-10 with Andersen Combination Window installed. Model is completely assembled and varnished\$39.32

Deduct \$13.32 if Andersen Combination Window is not wanted.



ANDERSEN BASEMENT WINDOW

FLOOR MODEL—Display sample No. 2817 complete with screen and storm panel.

Display completely assembled with stand and varnished.....\$18.68

Basement Unit No. 2817 with screen and storm panel is available installed below any of the displays in the left column at extra cost of \$6.68. However, this method is not recommended because of poor position for demonstration and loss of display sign.

THE Andersen GLIDER



Units No. 58064

ONE OF THE FOUR FAMOUS



Andersen Windowalls

— DISTRIBUTED BY —

THE

Cincinnati Sash & Door Co.

4500 Reading Road

Cincinnati 29, Ohio

"An Andersen Distributor For Over 25 Years"



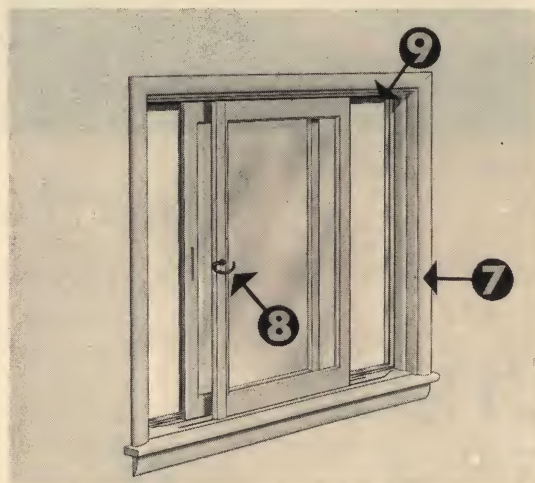
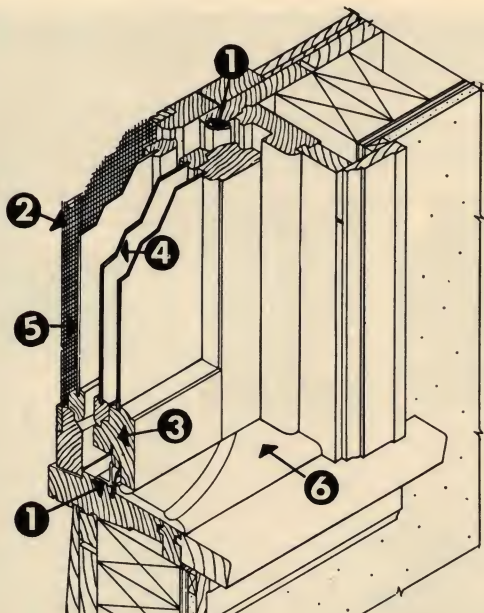
NOTE THE FEATURES OF THE Andersen GLIDING WINDOW

FOR MODERN WINDOWALLS

Andersen Gliding Windows with horizontal sliding action allow wide range of sizes with ventilating sash—from ribbon type to large picture window openings for every room in the house. Ideal for enclosed porches and breezeways.

NOTE THESE SUPERIOR FEATURES

- 1. WEATHERSTRIPPING** — Compression and interlocking type completely installed. Double weatherstrip contact with metal sill channel.
- 2. OUTSIDE SCREEN** — (Optional) — Pine frame, fine mesh Alcoa Alclad Aluminum wire cloth. Special hardware locks screen tightly on inside. Can be easily put on or removed from inside.
- 3. SASH** — 1½" thick, quality glass bedded and glazed with elastic glazing compound, fitted and complete with hardware installed.
- 4. DOUBLE GLAZING** — (Optional) — Wood frame, fits on outside of gliding sash, controls condensation and heat loss — can be left on year around — easily removed for cleaning.
- 5. STORM-SCREEN FEATURE** — Double glazing panel also fits on inside of screen to make an outside storm sash for closing openings during rough construction — or for triple glazing to provide extra insulation against heat loss and condensation.
- 6. PLASTIC SILL TRACK** — Makes sash operate smoother and easier. Has a permanent natural wood finish that cleans easily.
- 7. FRAME** — Leakproof construction with famous Andersen Lock Sill Joint and weather-tight blind stops.
- 8. COMPLETE HARDWARE** for sash, screen and double glazing. Iridite treated heavy zinc plating with statuary bronze finish on lock handle. Triple action lock draws sash tightly together at top, bottom and center.
- 9. PLASTIC FACED HEAD TRACK** — Combination head jamb and track is plastic faced to improve appearance and operation, bring greater durability.



EASILY OPENED—EASILY CLOSED. Plastic track permits sash to be operated with a minimum of effort.



EASILY WASHED—FROM THE INSIDE. Sash lift right out of the frame (no tools required), makes washing windows a simple task.



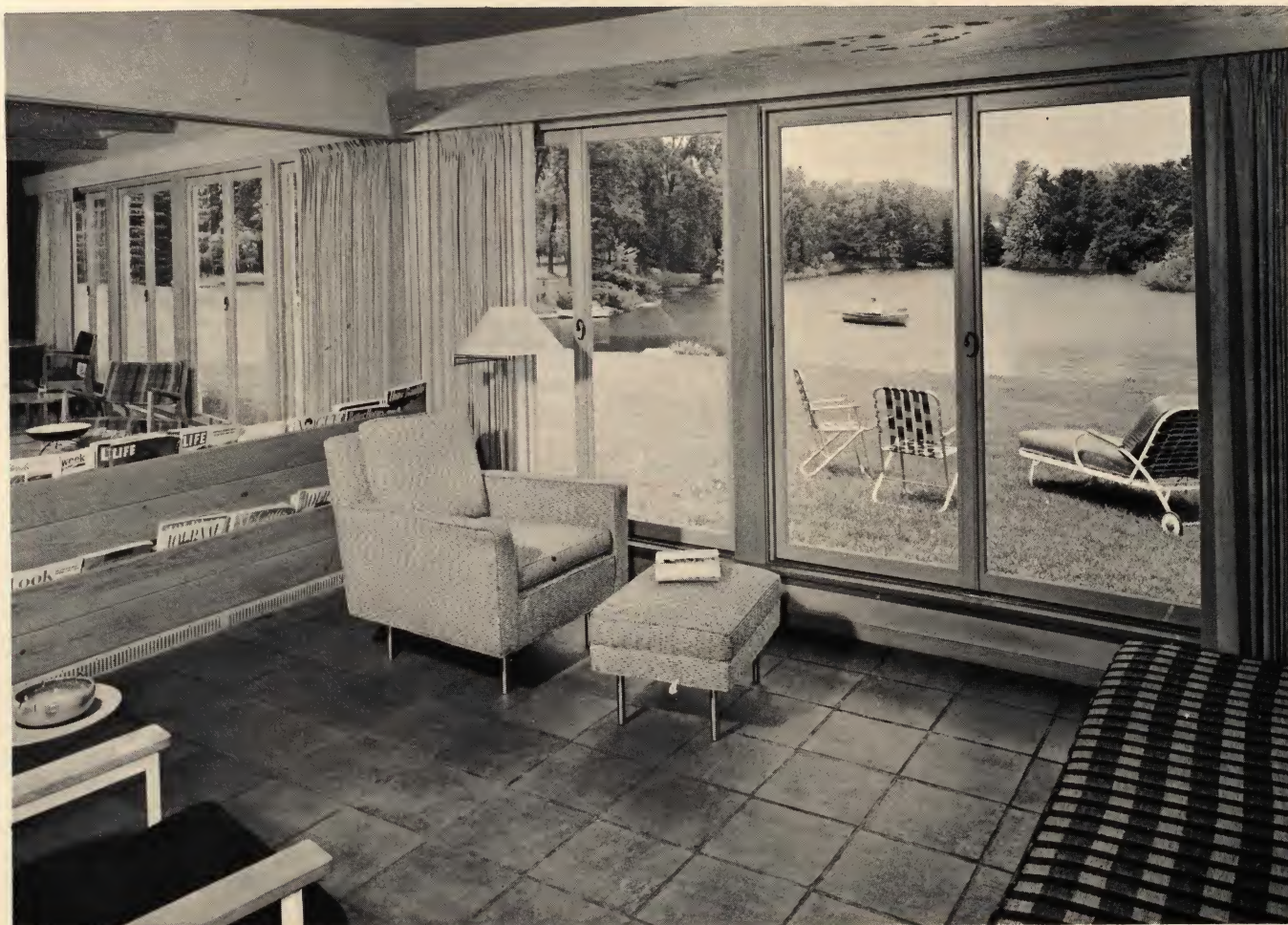
REMOVABLE DOUBLE GLAZING fits right on the sash, opens with the window, is easily removed by turning catches and lifting it out of place.



THE CINCINNATI SASH & DOOR CO.



**THERE'S NO OTHER WINDOW LIKE
AN Andersen GLIDER!**



A Picture Window that Ventilates . . .

Two Units No. 58064



A lot of View . . .

Unit No. 48038

An abundance of light!

Two Units No. 58058





THE CINCINNATI SASH & DOOR CO.

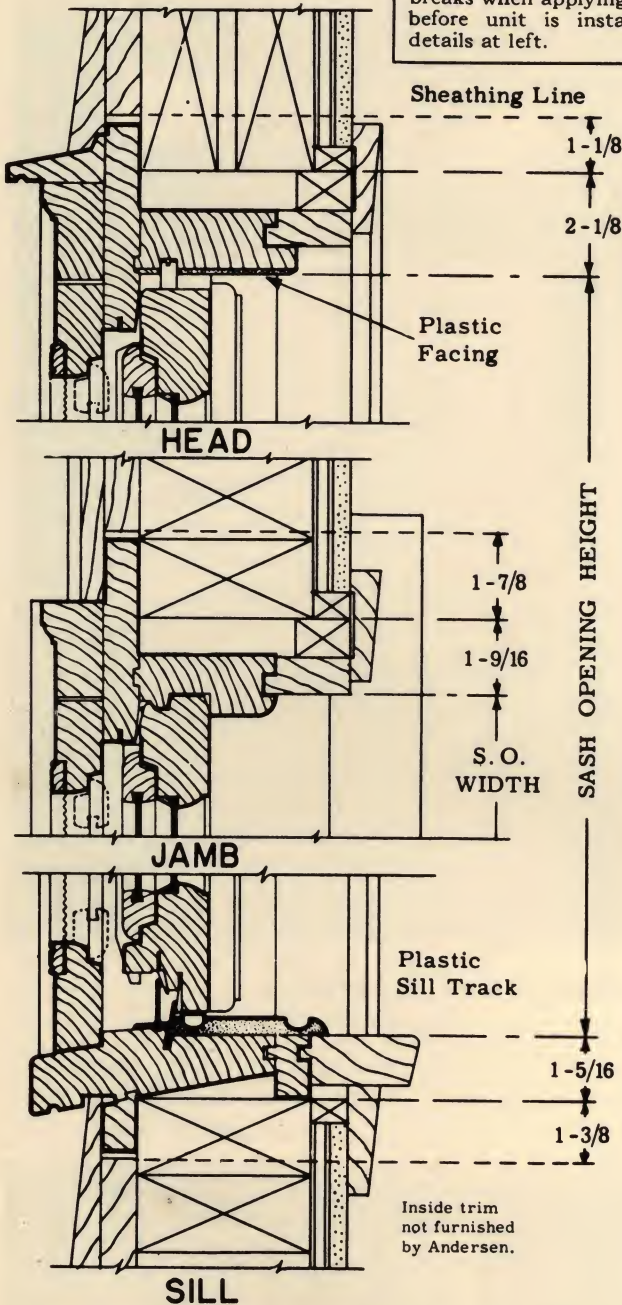
DETAILS FOR Andersen GLIDING WINDOWS



INSTALLATION DETAILS

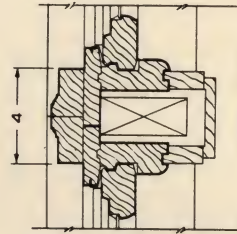
Scale—3" = 1'-0"

Note: Allow for Wide Wind-breaks when applying Sheathing before unit is installed. See details at left.



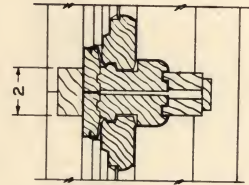
ADAPTION DETAILS

Scale—1 1/2" = 1'-0"



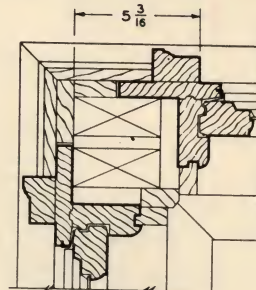
STANDARD MULLION

Detail shows 4-inch mullion made by placing two standard single units together with sill horns butt jointed and regular casings back to back.



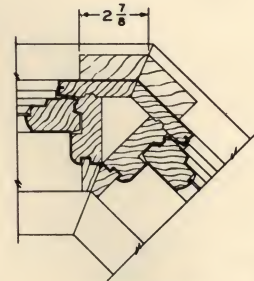
NARROW MULLION

Where a load bearing support is not required, single units can be joined to form a 2-inch mullion as shown above.



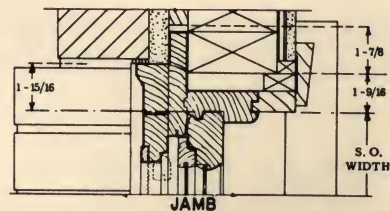
CORNER

Detail shows corner construction with standard two-inch sill horns and casing. Long sill horns can be furnished for special corner casings.

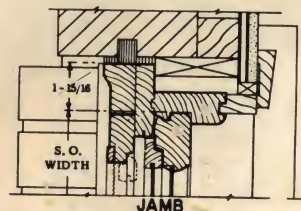


ANGLE BAY

Detail shows 45° angle bay mullion using standard units with long sill horns and special outside casings (not furnished by Andersen).



DETAIL NO. G-20. Brick veneer wall construction. Blind stop set flush with sheathing. Extension jambs and wood inside trim.



DETAIL NO. G-36. Solid masonry wall using S.C.R. brick. Lath and plaster applied on 2" furring strips.

G-10—Standard unit in frame wall with lath and plaster inside finish and 3/4" sheathing. The extension blind stop can be rabbeted for 1/2" sheathing and this should be specified when ordering the unit. Extension jambs and other trim should be ordered separately to conform to individual requirements. Installation is similar for stucco or brick veneer or for dry wall inside.

Detail shows Removable Double Glazing panel in place on outside of sliding sash. This same panel also fits in rabbet on inside of the screen to provide an outside storm sash for closing openings during rough construction.

NOTE Complete 1/4 scale installation details will be found in the Tracing Detail File. This will be mailed on request at no charge.



Andersen GLIDING WINDOW ONE LIGHT GLASS

KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Plastic Track, Exterior Casings, Drip Cap and **EXTENSION JAMBS.**

MULTIPLE UNIT SIZE INFORMATION

ROUGH OPENING: For 4" Standard Mullion add Masonry Openings and deduct $\frac{3}{4}$ " from total.
MASONRY OPENING: For 4" Standard Mullion add Masonry Openings and use total for overall masonry opening width.

Note: When using other size mullions be sure to consider mullion width when figuring overall rough opening and masonry opening widths.

Masonry Opg.	3-8
Rgh Stud Opg	3-7 $\frac{1}{4}$
Sash Opening	3-4 $\frac{1}{8}$
Size of Each	16"
Light of Glass	
2-2 $\frac{1}{2}$	
2-2 $\frac{1}{2}$	
1-11 $\frac{1}{8}$	
17 $\frac{3}{8}$	



38024

4-8"
4-7 $\frac{1}{4}$
4-4 $\frac{1}{8}$
22"



48024

5-8
5-7 $\frac{1}{4}$
5-4 $\frac{1}{8}$
28"



58024

BASIC UNIT Set-up	\$42.04
Add for Screen	6.80
Add for R.D.G.s	5.66
Deduct for No Extension Jambs	1.32

\$47.40

8.00

6.48

1.48

\$53.12

9.24

7.28

1.64

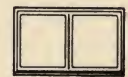
3-6 $\frac{1}{2}$
3-6 $\frac{1}{2}$
3-3 $\frac{1}{8}$
33 $\frac{3}{8}$



38038



48038



58038

BASIC UNIT Set-up	\$49.56
Add for Screen	8.88
Add for R.D.G.s	8.48
Deduct for No Extension Jambs	1.72

\$55.28

10.32

9.72

1.88

\$61.88

11.92

11.60

2.00

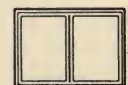
4-2 $\frac{1}{2}$
4-2 $\frac{1}{2}$
3-11 $\frac{1}{8}$
41 $\frac{1}{8}$



38044



48044



58044

BASIC UNIT Set-up	\$53.16
Add for Screen	9.80
Add for R.D.G.s	9.44
Deduct for No Extension Jambs	1.92

\$59.32

11.44

11.68

2.08

\$66.12

13.12

13.76

2.24

4-10 $\frac{1}{2}$
4-10 $\frac{1}{2}$
4-7 $\frac{1}{8}$
49 $\frac{1}{8}$



38050



48050



58050

BASIC UNIT Set-up	\$57.40
Add for Screen	10.88
Add for R.D.G.s	11.04
Deduct for No Extension Jambs	2.12

\$63.92

12.60

13.84

2.28

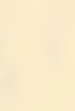
\$71.04

14.52

15.68

2.44

5-6 $\frac{1}{2}$
5-6 $\frac{1}{2}$
5-3 $\frac{1}{8}$
57 $\frac{3}{8}$



38058



48058



58058

BASIC UNIT Set-up	\$67.88
Add for Screen	13.84
Add for R.D.G.s	16.60
Deduct for No Extension Jambs	2.48

\$80.04

15.88

22.04

2.64

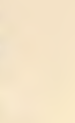
\$84.56

17.24

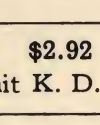
24.24

2.88

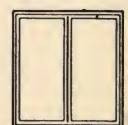
6-2 $\frac{1}{2}$
6-2 $\frac{1}{2}$
5-11 $\frac{1}{8}$
65 $\frac{3}{8}$



38064



48064



58064

BASIC UNIT Set-up	\$84.56
Add for Screen	17.24
Add for R.D.G.s	24.24
Deduct for No Extension Jambs	2.88

Deduct \$2.92
For Unit K. D.

For 10" long Sill Horns, Add \$1.72 per unit



THE CINCINNATI SASH & DOOR CO.

Andersen GLIDING WINDOW HORIZONTAL BARS



KNOW WHAT YOU ARE PURCHASING

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Plastic Track, Exterior Casings, Drip Cap and **EXTENSION JAMBS.**

MULTIPLE UNIT SIZE INFORMATION
ROUGH OPENING: For 4" Standard Mullion add Masonry Openings and deduct $\frac{3}{4}$ " from total.
MASONRY OPENING: For 4" Standard Mullion add Masonry Openings and use total for overall masonry opening width.
Note: When using other size mullions be sure to consider mullion width when figuring overall rough opening and masonry opening widths.

Masonry Ops. 3-8
 Rgh Stud Ops. 3-7 $\frac{1}{4}$
 Sash Opening Size of Each 3-4 $\frac{1}{8}$
 Light of Glass 16"
 2-2 $\frac{1}{2}$ "
 1-11 $\frac{1}{16}$ "
 17 $\frac{1}{16}$ "

4-8
 4-7 $\frac{1}{4}$
 4-4 $\frac{1}{8}$
 22"
 22"

5-8
 5-7 $\frac{1}{4}$
 5-4 $\frac{1}{8}$
 28"

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$42.04
 6.80
 5.56
 1.32

\$47.40
 8.00
 6.48
 1.48

\$53.12
 9.24
 7.28
 1.64

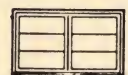
3-6 $\frac{1}{2}$ "
 3-6 $\frac{1}{2}$ "
 3-3 $\frac{1}{2}$ "
 33 $\frac{1}{16}$ "



3838



4838



5838

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$49.56
 8.88
 8.48
 1.72

\$55.28
 10.32
 9.72
 1.88

\$61.88
 11.92
 11.60
 2.00

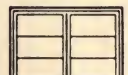
4-2 $\frac{1}{2}$ "
 4-2 $\frac{1}{2}$ "
 3-11 $\frac{1}{16}$ "
 41 $\frac{1}{16}$ "



3844



4844



5844

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$53.16
 9.80
 9.44
 1.92

\$59.32
 11.44
 11.68
 2.08

\$66.12
 13.12
 13.76
 2.24

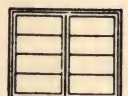
4-10 $\frac{1}{2}$ "
 4-10 $\frac{1}{2}$ "
 4-7 $\frac{1}{16}$ "
 49 $\frac{1}{16}$ "



3850



4850



5850

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$57.40
 10.88
 11.04
 2.12

\$63.92
 12.60
 13.84
 2.28

\$71.04
 14.52
 15.68
 2.44

5-6 $\frac{1}{2}$ "
 5-6 $\frac{1}{2}$ "
 5-3 $\frac{1}{16}$ "
 57 $\frac{1}{16}$ "



4858



5858

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$67.88
 13.84
 16.60
 2.48

\$80.04
 15.88
 22.04
 2.64

6-2 $\frac{1}{2}$ "
 6-2 $\frac{1}{2}$ "
 5-11 $\frac{1}{16}$ "
 65 $\frac{1}{16}$ "

Deduct \$2.92
 For Unit K. D.



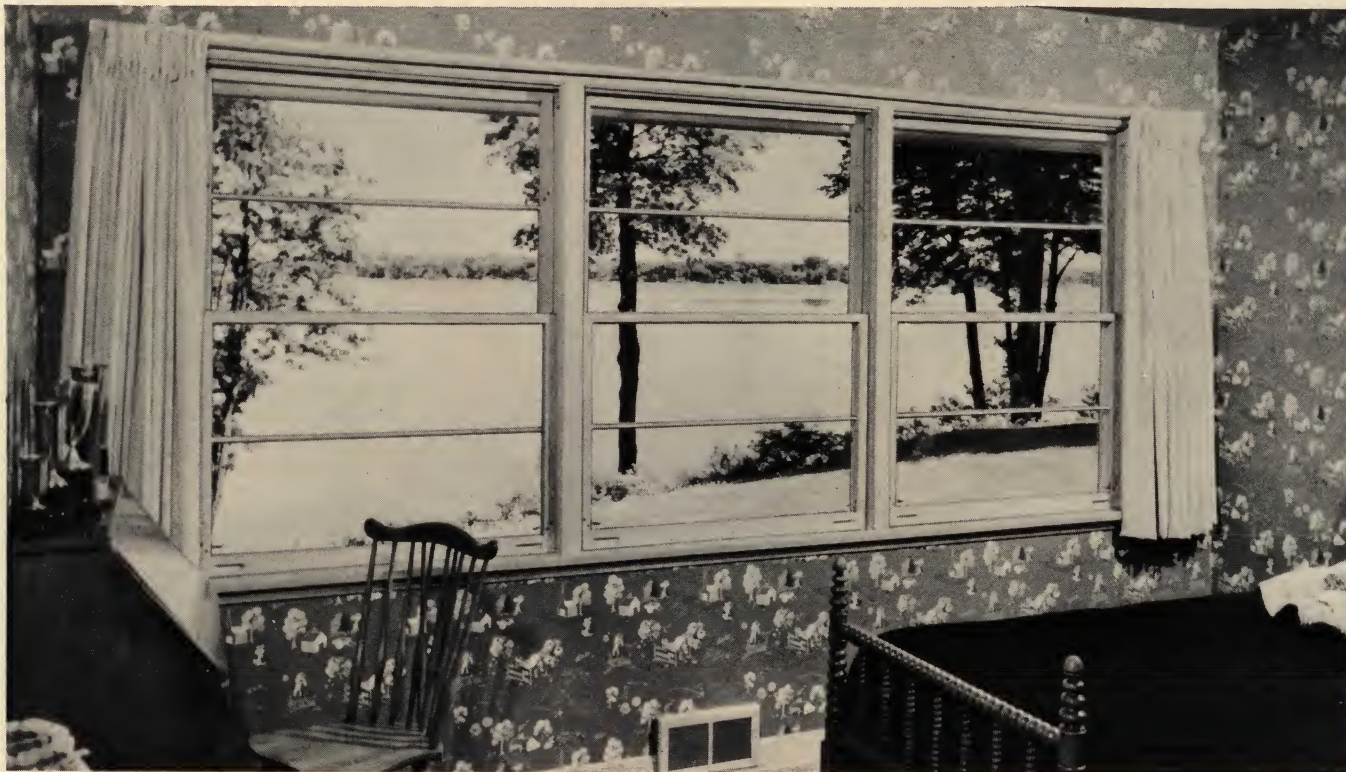
5864

BASIC UNIT Set-up.....
 Add for Screen.....
 Add for R.D.G.s.....
 Deduct for No Extension Jambs.....

\$84.56
 17.24
 24.24
 2.88

For 10" long Sill Horns, Add \$1.72 per unit

THE Andersen PRESSURE SEAL



Three Units No. 3-0 x 4-6 Type 22

ONE OF THE FOUR FAMOUS



Andersen Windowalls

DISTRIBUTED BY

THE

Cincinnati Sash & Door Co.

4500 Reading Road

Cincinnati 29, Ohio

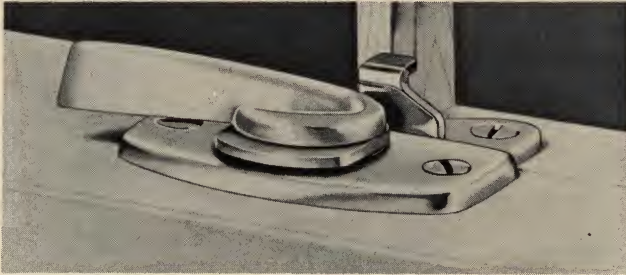
"An Andersen Distributor For Over 25 Years"

PRESSURE SEAL UNITS

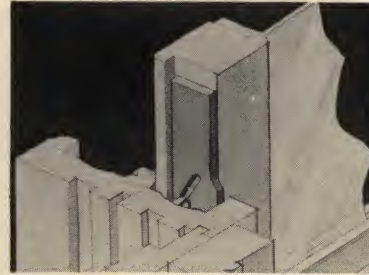


NOTE THE FEATURES OF THE Andersen PRESSURE SEAL

New Ejection-type Sash Lock



Ejection principle means lock cannot interfere with sash operation, cannot mar or damage sash or muntins. Positive action reaches out and pulls sash rails firmly together. Easy to center on check rail regardless of division of lights. Permits locking even with as much as $\frac{3}{16}$ " misalignment of check rails. Holes pre-drilled for ease of application.



Exclusive Pressure Strip Action is key to exceptional weather-tightness, smooth sash action, and sash removability. Wedge-like action of aluminum Pressure Strips forces sash against metal covered parting stop. Closes cracks and eliminates necessity for conventional weather-strip on sides. Sash are completely free when thumb levers are depressed, held tight when levers are released.

1. Sash removable instantly. Not attached to any counter balancing devices.
2. No Rattling. Pressure Strips force sash tightly against parting stops, hold sash firmly in open or closed position.
3. Easy to move sash because depressing the thumb levers leaves sash completely free. No weather-stripping friction.
4. Rugged sash full $1\frac{1}{2}$ " thick. Gives extra strength and years of service.
5. Positive action metal weather-strip keeps window weather-tight at sill, head, and check rail.
6. No sash lifts required.



EASY TO WASH . . . FROM THE INSIDE

Sash slip right out of the frame making window washing a simple task.

QUICK AND EASY INSTALLATION REDUCES FINAL COSTS



NAIL FRAME IN ROUGH OPENING

The frame is set in rough openings and held in place by nailing wide blind stop to studs. A weather-tight wall joint is assured.

Sash come complete with pressure strips, weather-stripping and operating mechanism installed, ready to be slipped in place from the inside. No weights to



SLIP SASH INTO PLACE

hang. No counterbalancing devices to install.

The standard frame detail can be used in any type of wall. The moulded inside stop on the side jamb greatly simplifies trimming out. A special fitting stool is included and only a simple inside casing or band moulding is required to complete the job.



THE CINCINNATI SASH & DOOR CO.



**THE Andersen PRESSURE SEAL
ADDS CHARM TO ANY STYLE OF HOME**



Contemporary . . .

Three Units No. 3-4 x 4-6 Type 22



Modern . . .

*Two Units
No. 2-8 x 4-6
Type 11*

. . . or Colonial!

Three Units No. 2-8 x 4-6 Type 66





DETAILS FOR THE Andersen PRESSURE SEAL



INSTALLATION DETAILS — SCALE 3" = 1'-0"

Details show installation in standard frame wall with reversible wide blind stop in proper position for $\frac{3}{4}$ " sheathing. Position is reversed for $\frac{1}{2}$ " sheathing. Installation is the same in brick veneer wall with blind stop flush with sheathing.

Standard left and right-hand jambs are furnished for mullion posts. The deep sash run in right-hand jamb is required for sash removal. Note how moulded inside stops form a mullion casing. Regular casing can be added if desired.

THE COMPLETE UNIT INCLUDES:

FRAME—Special leakproof construction with reversible wide blind stop, and undersill windbreak. Also includes combination inside stop and trim member.

SASH— $1\frac{1}{2}$ " thick, glass bedded and glazed with elastic glazing compound.

SASH LOCK—Sash are predrilled at factory to receive locks for easy application.

GLASS—Selected quality vision tested glass.

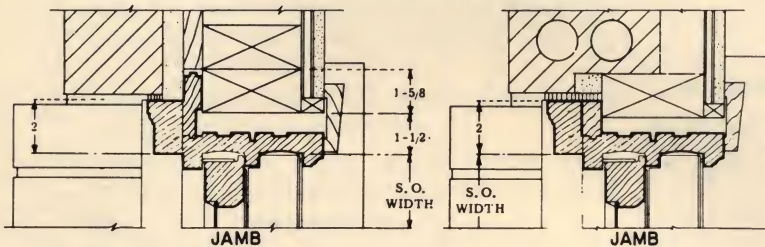
PRESSURE STRIPS — Installed in sash at factory.

WEATHERSTRIPS — Check and bottom rail strips attached to sash.

OPERATING MECHANISM—Installed in sash at factory.

STOOL—Clear Pine, $2\frac{1}{4}$ " width only.

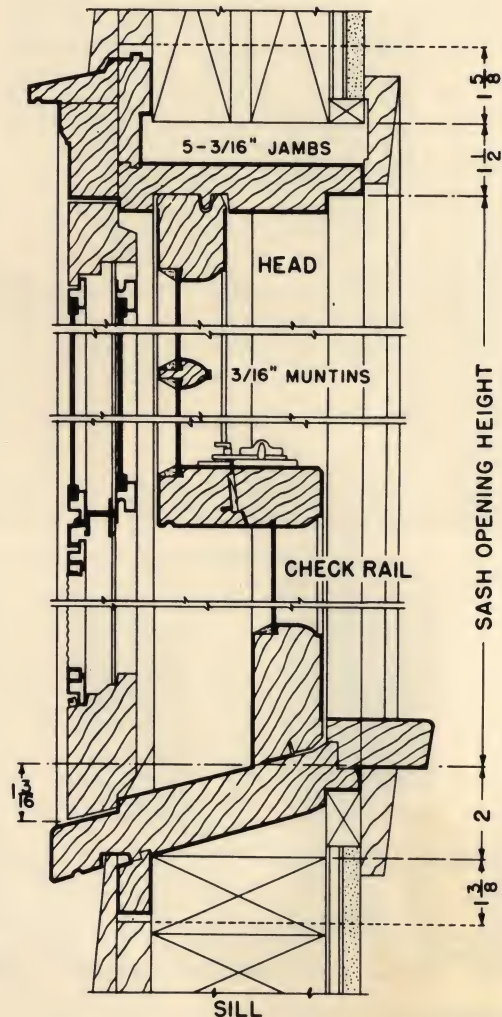
(Details shown below are not to scale)



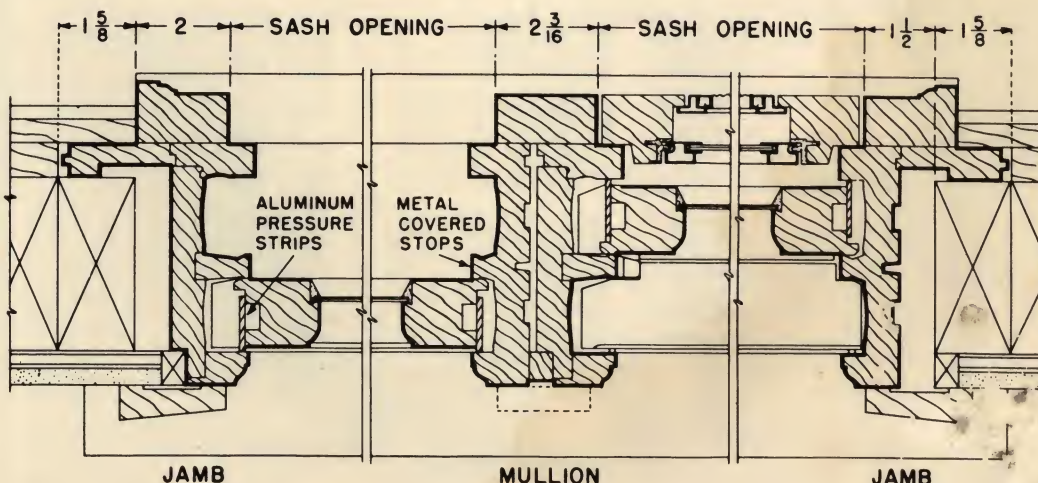
DETAIL NO. P-20. Brick Veneer construction with windbreaks set flush with sheathing.

DETAIL NO. P-36A. Solid masonry wall with S. C. R. brick construction. Lath and plaster applied on 2" furring strips.

NOTE Complete 1/4 scale installation details will be found in the Tracing Detail File. This will be mailed on request at no charge.



Note: Allow for Wide Windbreaks when applying Sheathing before unit is installed. See details above.





THE CINCINNATI SASH & DOOR CO.



THE Andersen PRESSURE SEAL WINDOW

KNOW WHAT YOU ARE PURCHASING

COMPLETE UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Sash Lock; Exterior Casings, Drip Cap and Pine Stool.

ANY OF THESE TYPES CAN BE ORDERED IN THE SIZES SHOWN BELOW

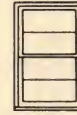
MULTIPLE UNIT SIZE INFORMATION

ROUGH OPENING: Add Sash Opening Widths plus $2\frac{3}{16}$ " for each mullion - then add $3\frac{1}{2}$ " to this figure for overall rough opening width. Hold sheathing back $1\frac{1}{2}$ " for wide windbreaks around entire opening.

MASONRY OPENING: Add Sash Opening Widths plus $2\frac{3}{16}$ " for each mullion - then add 4" to this figure for overall masonry opening width.



TYPE— 11

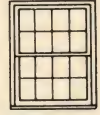


22



66

Only 2-8
and under

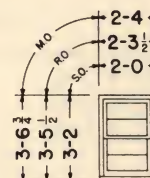


88

Only 3-0
and over

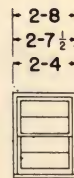
Be sure to specify type desired on your order. Prices below are for type 11 or type 22.

Add \$2.00 to prices below for type 66. Add \$3.00 to prices below for type 88.



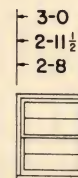
2-0x3-2

COMPLETE UNIT Set-up.....\$27.08
Add for Self-Storing Combination Window.....15.84



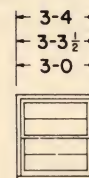
2-4x3-2

COMPLETE UNIT Set-up.....\$28.48
Add for Self-Storing Combination Window.....16.80



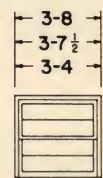
2-8x3-2

COMPLETE UNIT Set-up.....\$29.92
Add for Self-Storing Combination Window.....17.76



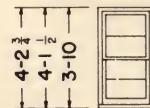
3-0x3-2

COMPLETE UNIT Set-up.....\$31.52
Add for Self-Storing Combination Window.....18.84



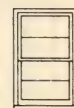
3-4x3-2

COMPLETE UNIT Set-up.....\$33.12
Add for Self-Storing Combination Window.....20.20



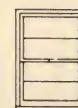
2-0x3-10

COMPLETE UNIT Set-up.....\$29.52
Add for Self-Storing Combination Window.....17.16



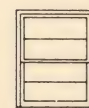
2-4x3-10

COMPLETE UNIT Set-up.....\$30.92
Add for Self-Storing Combination Window.....18.12



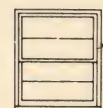
2-8x3-10

COMPLETE UNIT Set-up.....\$32.44
Add for Self-Storing Combination Window.....19.16



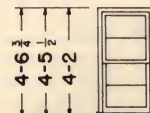
3-0x3-10

COMPLETE UNIT Set-up.....\$34.08
Add for Self-Storing Combination Window.....20.68



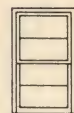
3-4x3-10

COMPLETE UNIT Set-up.....\$35.88
Add for Self-Storing Combination Window.....21.88



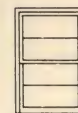
2-0x4-2

COMPLETE UNIT Set-up.....\$30.48
Add for Self-Storing Combination Window.....17.72



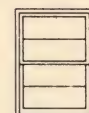
2-4x4-2

COMPLETE UNIT Set-up.....\$31.96
Add for Self-Storing Combination Window.....18.80



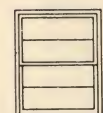
2-8x4-2

COMPLETE UNIT Set-up.....\$33.44
Add for Self-Storing Combination Window.....20.08



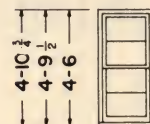
3-0x4-2

COMPLETE UNIT Set-up.....\$35.12
Add for Self-Storing Combination Window.....21.52



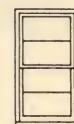
3-4x4-2

COMPLETE UNIT Set-up.....\$36.76
Add for Self-Storing Combination Window.....22.80



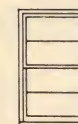
2-0x4-6

COMPLETE UNIT Set-up.....\$31.76
Add for Self-Storing Combination Window.....18.36



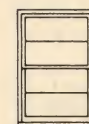
2-4x4-6

COMPLETE UNIT Set-up.....\$33.16
Add for Self-Storing Combination Window.....19.40



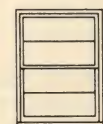
2-8x4-6

COMPLETE UNIT Set-up.....\$34.68
Add for Self-Storing Combination Window.....20.64



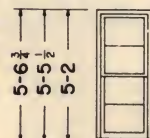
3-0x4-6

COMPLETE UNIT Set-up.....\$36.44
Add for Self-Storing Combination Window.....22.08



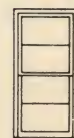
3-4x4-6

COMPLETE UNIT Set-up.....\$38.24
Add for Self-Storing Combination Window.....23.64



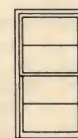
2-0x5-2

COMPLETE UNIT Set-up.....\$34.16
Add for Self-Storing Combination Window.....19.68



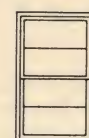
2-4x5-2

COMPLETE UNIT Set-up.....\$35.72
Add for Self-Storing Combination Window.....21.08



2-8x5-2

COMPLETE UNIT Set-up.....\$37.40
Add for Self-Storing Combination Window.....22.32



3-0x5-2

COMPLETE UNIT Set-up.....\$39.04
Add for Self-Storing Combination Window.....23.96



3-4x5-2

COMPLETE UNIT Set-up.....\$40.96
Add for Self-Storing Combination Window.....25.44

MULTIPLE UNITS

MULLION UNITS — 2 times price of Single Unit, plus \$1.00

TRIPLE UNITS — 3 times price of Single Unit, plus \$2.00

For 10" Long Sill Horns, add \$1.72 per unit.

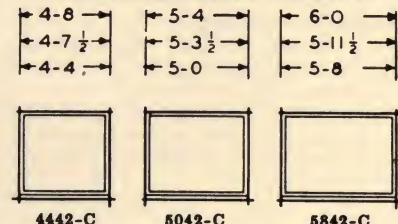
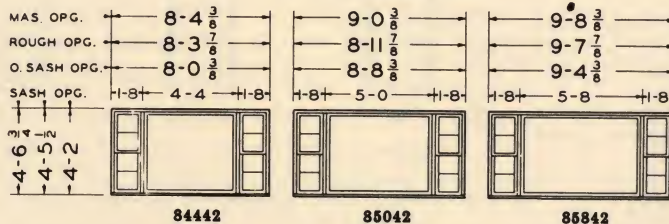
Deduct \$2.32
For Unit K. D.

**Andersen PRESSURE SEAL PICTURE WINDOWS****KNOW WHAT YOU ARE PURCHASING**

BASIC UNIT INCLUDES: Set-up Frame completely weatherstripped and treated with a Toxic Water Repellent Preservative, Glazed Sash, Sash Lock; Picture Sash glazed either 1" Insulating Plate Glass or 1/4" Plate Glass, priced separately (No R.D.G. available); Exterior Casings, Drip Cap and Pine Stool.

1'8" Flanking Sash ***Individual Picture Windows**

Deduct \$7.64
For Unit K. D.

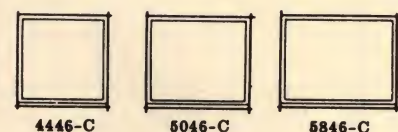
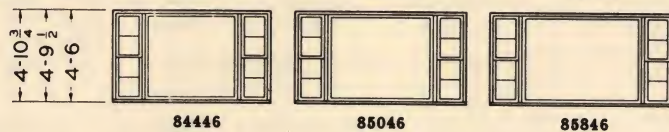


Picture Sash 1" Insul. Plate Glass \$161.68
Picture Sash 1/4" Plate Glass 138.28
Add for Combination Windows 33.04

\$176.36
149.36
33.04

\$183.72
155.68
33.04

\$101.64
78.24
\$116.32
89.88
\$123.68
95.60

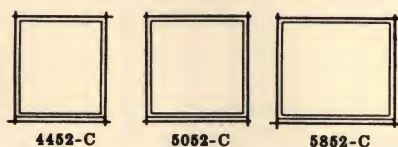
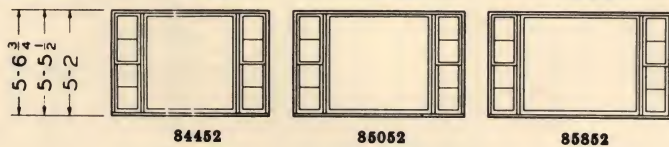


Picture Sash 1" Insul. Plate Glass \$171.84
Picture Sash 1/4" Plate Glass 147.52
Add for Combination Windows 34.40

\$182.04
164.96
34.40

\$192.24
162.72
34.40

\$109.48
85.16
\$119.68
92.60
\$129.92
100.36

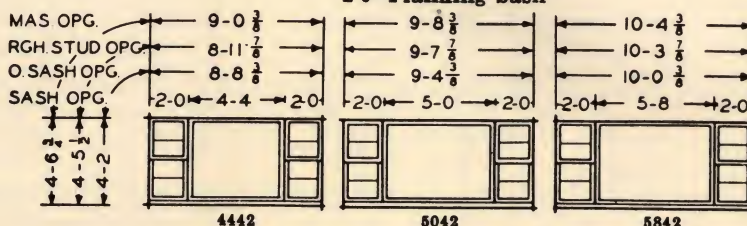


Picture Sash 1" Insul. Plate Glass \$187.08
Picture Sash 1/4" Plate Glass 160.00
Add for Combination Windows 36.72

\$200.68
168.76
36.72

\$217.68
182.12
36.72

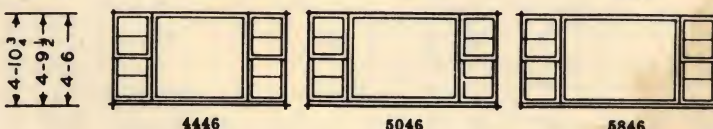
\$119.72
92.64
\$133.32
101.40
\$150.32
114.76

2'0" Flanking Sash *

Picture Sash 1" Insul. Plate Glass \$164.60
Picture Sash 1/4" Plate Glass 141.20
Add for Combination Windows 35.44

\$179.28
152.84
35.44

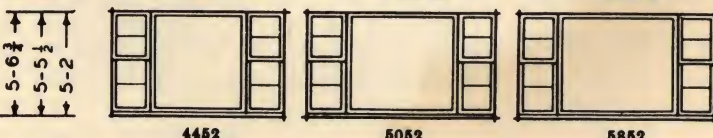
\$186.64
158.56
35.44



Picture Sash 1" Insul. Plate Glass \$174.96
Picture Sash 1/4" Plate Glass 150.64
Add for Combination Windows 36.72

\$185.16
158.08
36.72

\$195.40
165.84
36.72



Picture Sash 1" Insul. Plate Glass \$190.04
Picture Sash 1/4" Plate Glass 162.96
Add for Combination Windows 39.36

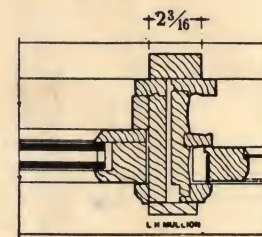
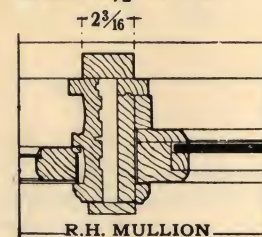
\$203.64
171.72
39.36

\$220.64
185.08
39.36

***Note:** For Type 66 2'0" Flanking Sash, add \$4.00 per Unit.
For Type 44 1'8" Flanking Sash, add \$4.00 per Unit.

DETAILS

Scale—1 1/2" = 1'-0"



The stationary Picture Window sash is designed for either single or double glazing as shown in the above details.



THE CINCINNATI SASH & DOOR CO.

THE Andersen PRESSURE SEAL WINDOW**K. D. PARTS LIST****FRAME PARTS — CARTON PACKED.**

Standard Packages contain: One (1) Head and Sill; One (1) Pair Sides; One (1) Mullion Center.

HEADS AND SILLS

Sash Opening	Single	Mullion	Triple
2-0	\$4.84	\$10.64	\$16.44
2-4	5.36	11.72	18.08
2-8	5.96	12.88	19.84
3-0	6.60	14.16	21.72
3-4	7.16	15.28	23.40

PAIR SIDES OR MULLION CENTER

Sash Opening	Side	Mullion Center	Picture Mullion Center
3- 2	\$ 7.84	\$ 7.84	.....
3-10	9.16	9.16	.....
4- 2	9.80	9.80	\$ 9.80
4- 6	10.48	10.48	10.48
5- 2	11.84	11.84	11.84

WINDOW STOOLS, PINE

Sash Opening	Single	Mullion	Triple
2-0	\$0.60	\$1.20	\$1.80
2-4	.68	1.36	2.04
2-8	.76	1.48	2.24
3-0	.80	1.60	2.40
3-4	.88	1.76	2.64

PICTURE WINDOW HEAD AND SILLS, AND PINE STOOLS

Triple Opening Sides 1-8			Triple Opening Sides 2-0	
Picture Sash Opening	Head and Sill	Stool	Head and Sill	Stool
4-4	\$20.04	\$2.20	\$21.04	\$2.28
5-0	21.20	2.32	22.20	2.44
5-8	22.44	2.44	23.48	2.56

WINDOWS ONLY — GLAZED

Carton Packed — Two windows per carton, weatherstrip and operating mechanism attached.

Sash Opening	Type 11 or 22	44	66	88
1-8 x 4- 2	\$12.08	\$14.08	.....	.....
4- 6	12.56	14.56	.....	.....
5- 2	13.72	15.72	.....	.....
2-0 x 3- 2	11.52	.....	\$13.52	.....
3-10	12.68	.....	14.68	.....
4- 2	13.00	.....	15.00	.....
4- 6	13.56	.....	15.56	.....
5- 2	14.64	.....	16.64	.....
5- 6	15.56	.....	17.56	.....
2-4 x 3- 2	12.32	.....	14.32	.....
3-10	13.44	.....	15.44	.....
4- 2	13.84	.....	15.84	.....
4- 6	14.36	.....	16.36	.....
5- 2	15.56	.....	17.56	.....
5- 6	16.76	.....	18.76	.....
2-8 x 3- 2	13.12	.....	15.12	.....
3-10	14.28	.....	16.28	.....
4- 2	14.64	.....	16.64	.....
4- 6	15.24	.....	17.24	.....
5- 2	16.56	.....	18.56	.....
5- 6	17.76	.....	19.76	.....
3-0 x 3- 2	14.00	.....	.....	\$17.00
3-10	15.24	.....	.....	18.24
4- 2	15.64	.....	.....	18.64
4- 6	16.28	.....	.....	19.28
5- 2	17.56	.....	.....	20.56
5- 6	18.96	.....	.....	21.96
3-4 x 3- 2	15.00	.....	.....	18.00
3-10	16.40	.....	.....	19.40
4- 2	16.68	.....	.....	19.68
4- 6	17.44	.....	.....	20.44
5- 2	18.84	.....	.....	21.84
5- 6	20.28	.....	.....	23.28

PICTURE CENTER SASH PUT UP AND GLAZED

Center Sash Opening	Glazed 1" Insulating Glass	Glazed 1/4" Plate
4442-C	\$ 71.72	\$53.32
5042-C	90.08	63.12
5842-C	96.08	69.04
4446-C	83.88	59.60
5046-C	92.80	63.72
5846-C	101.64	72.12
4452-C	92.76	65.68
5052-C	105.08	73.16
5852-C	120.68	85.12

Note: See Page 55 for prices on the New Andersen Self-Storing Combination Window.

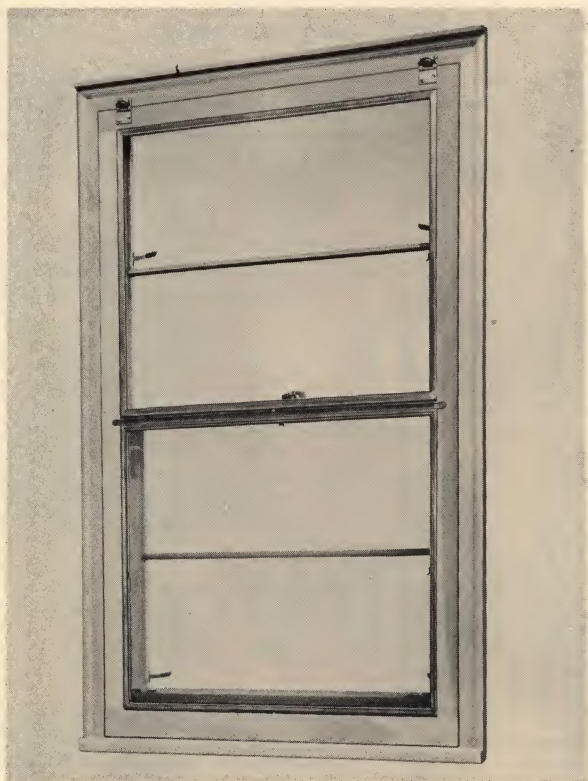


THE CINCINNATI SASH & DOOR CO.

THE NEW Andersen COMBINATION WINDOW



THE LAST WORD IN SELF-STORING COMBINATION WINDOWS



The New ANDERSEN Combination Window blends in with your home! Here is a sturdy Self-Storing Combination Window that performs all the feats of any other combination window *and more*; yet maintains a majestic "Window Beauty" that adds, rather than detracts, to the appearance of your home. The narrow wood frame is a strong 1½" thick; it may be painted the color you desire that lends itself best to the rest of your home. A very thin border of the aluminum-edged storm panels and screen is revealed to elegantly frame the glass area. In most parts of the country there is a need for a storm and screen window of some kind . . . be sure that you specify one that not only eliminates tedious work but one that compliments the architecture of your home . . . THE ANDERSEN Self-Storing Combination Window.

NOTE THESE FEATURES



Lower Storm Panel slides easily along plastic track, is held firmly in place in any one of numerous open positions.



Aluminum Screen is wired with aluminum Alclad cloth and may be left in place the year around, however, if desired it may be stored in the upper half of the unit. Upper Storm Panel is easily removed in a similar manner.



The ANDERSEN Combination Window is run in a conventional manner and complete unit swings open to permit cleaning. Complete Unit may also be easily removed by lifting it off of hanger allowing easy access to your window.



THE CINCINNATI SASH & DOOR CO.

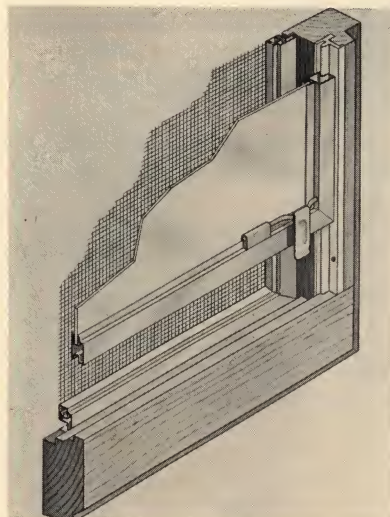


THE NEW Andersen SELF STORING COMBINATION WINDOW

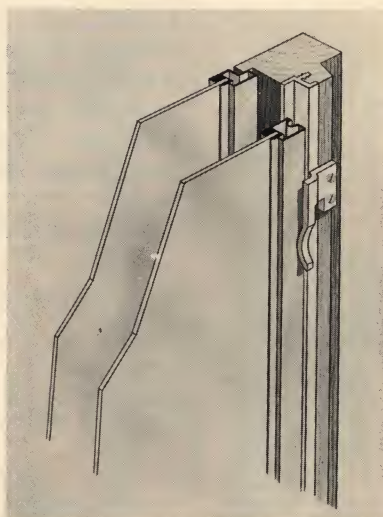
KNOW WHAT YOU ARE PURCHASING

COMPLETE UNIT INCLUDES: Wood Frame, Pine, 1½" Thick, treated with a Toxic Water Repellent Preservative; Two Aluminum Frame Storm Panels, and One Aluminum Screen, and all necessary Hardware. An extra Screen may be ordered if full screening is desired.

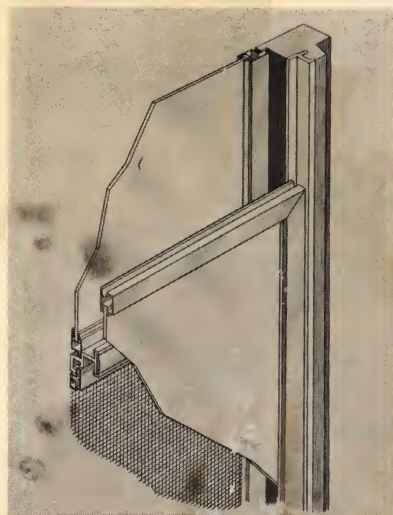
EXTRA MODULAR SIZES IN ADDITION
TO REGULAR PRESSURE SEAL SIZES TO
ACCOMMODATE ALL STANDARD OPENINGS. ➡



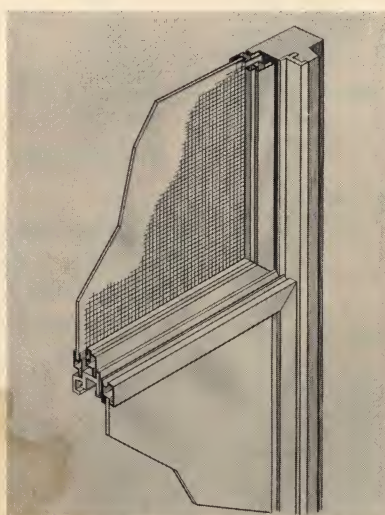
Spring Bolt Fasteners snap into place to hold Lower Storm Panel firmly in position, eject to allow panel to be easily raised or lowered. Plastic track provides smooth operation, eliminates galling (no metal against metal).



Nylon Retaining Clip holds Lower Storm Panel in place when in the raised position, allows center ridge of plastic track to be eliminated so that panel can easily be removed from unit.



Screen installed in normal operating position. Upper Storm Panel in place, and Lower Storm Panel in partial open position. Note storm panel center bar that adds a tight seal to storm panels and sturdiness to the frame.



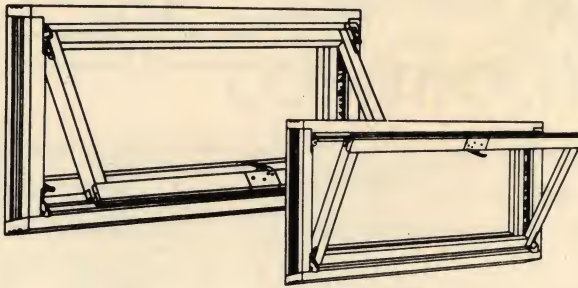
Screen installed in upper self-storing position, Upper and Lower Storm Panels in place. Note that Lower Storm Panel is still able to operate by sliding in front of Upper Storm Panel and Screen.

Sash Opening Size	Unit List Price	Extra Screen Panel
1-8 x 4- 2...	\$16.52	\$3.80
1-8 x 4- 6...	17.20	3.88
1-8 x 5- 2...	18.36	4.12
2-0 x 3- 2...	15.84	3.64
2-0 x 3- 6...	16.52	3.80
2-0 x 3-10...	17.16	3.92
2-0 x 4- 2...	17.72	4.08
2-0 x 4- 6...	18.36	4.20
2-0 x 4-10...	19.04	4.36
2-0 x 5- 2...	19.68	4.48
2-0 x 5- 6...	21.76	5.04
2-4 x 3- 2...	16.80	3.88
2-4 x 3- 6...	17.48	4.04
2-4 x 3-10...	18.12	4.20
2-4 x 4- 2...	18.80	4.36
2-4 x 4- 6...	19.40	4.48
2-4 x 4-10...	20.28	4.68
2-4 x 5- 2...	21.08	4.84
2-4 x 5- 6...	23.16	5.44
2-8 x 3- 2...	17.76	4.16
2-8 x 3- 6...	18.52	4.32
2-8 x 3-10...	19.16	4.52
2-8 x 4- 2...	20.08	4.68
2-8 x 4- 6...	20.64	4.84
2-8 x 4-10...	21.56	5.04
2-8 x 5- 2...	22.32	5.24
2-8 x 5- 6...	24.44	5.88
3-0 x 3- 2...	18.84	4.40
3-0 x 3- 6...	19.80	4.60
3-0 x 3-10...	20.68	4.80
3-0 x 4- 2...	21.52	4.96
3-0 x 4- 6...	22.08	5.16
3-0 x 4-10...	23.00	5.40
3-0 x 5- 2...	23.96	5.60
3-0 x 5- 6...	26.24	6.28
3-4 x 3- 2...	20.20	4.68
3-4 x 3- 6...	21.04	4.88
3-4 x 3-10...	21.88	5.08
3-4 x 4- 2...	22.80	5.28
3-4 x 4- 6...	23.64	5.48
3-4 x 4-10...	24.52	5.72
3-4 x 5- 2...	25.44	5.92
3-4 x 5- 6...	27.88	6.60

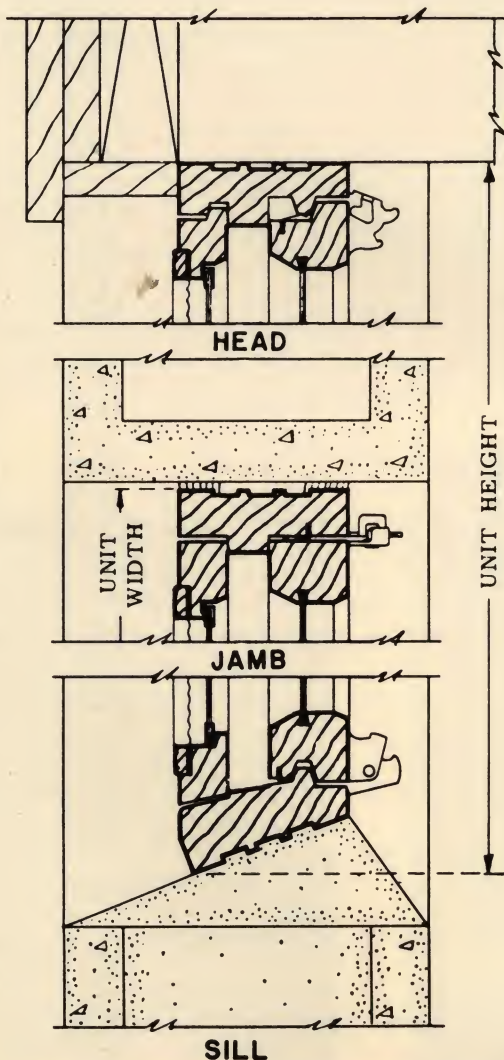


THE CINCINNATI SASH & DOOR CO.

THE Andersen BASEMENT WINDOW



Dual purpose hinges permit swinging the sash from either top or bottom. Hinge members for both positions are attached and sash can be instantly reversed or removed without tools.



DETAIL B-40. Shows typical installation in concrete block wall with poured sill.

Scale 3" = 1'-0"

A practical and widely used factory assembled wood basement window that successfully combines the weather-tight and insulating advantages of wood windows plus large glass areas and easy installation. Comes as a complete, factory assembled unit with frame set-up, sash glazed and hung, screen fitted and installed and all hardware installed.

NEW AND IMPROVED FEATURES

FRAME—paint primed in addition to toxic treating for greater protection during construction.

SASH— $1\frac{3}{4}$ " thick with one piece lock rail for more strength. Groove glazed to eliminate putty failure.

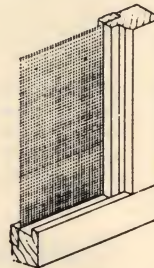
HARDWARE—improved lock with hinging hardware recessed to accommodate forms for poured walls.

SCREEN—wood frame with aluminum screen cloth. New design has recessed moulding and rabbet to receive metal edged storm panel.

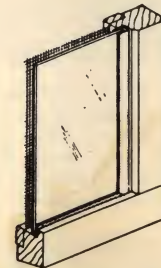
STORM PANEL—Has narrow aluminum frame for more glass area, quick installation and easy storage.

NEW STORM-SCREEN FEATURE

The screen frame is rabbeted to receive the aluminum framed storm panel (furnished as optional equipment) which goes on from the inside and comes complete with fasteners.



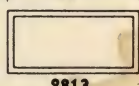
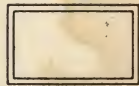
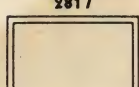
Corner section of screen showing rabbet for glazed storm panel.



Sectional view showing storm-screen with storm panel in place (optional equipment).

MODULAR SIZES

Sizes have been standardized to fit typical 16 x 18 inch block walls for masonry openings 2 blocks wide by 2, $2\frac{1}{2}$ and 3 blocks high.

Unit Glass	Unit Price	Add For Storm Panel
 2813	\$10.64	\$2.04
 2817	11.32	2.44
 2820	12.40	2.80

COMPLETE UNIT INCLUDES: Set-up frame, completely weatherstripped, Primed, and Treated with a Toxic Water Repellent Preservative; Glazed Sash; and Wood Screen.



"UTILIPAK" INTERIOR TRIM — PAPER WRAPPED FOR Andersen CASEMENT UNITS

Casings cut to approximate lengths, not mitered; Stools and Aprons not returned

W. P. PINE TRIM — 2 DESIGNS**Design "R" — Ranch**

Casing R-1116— $1\frac{1}{16}$ " x 2" or
WP-326A— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1120— $\frac{5}{8}$ " x 2"
Stool No. 902— $1\frac{1}{16}$ " x $3\frac{1}{2}$ "

Design "M" — Colonial

Casing M-1267A— $1\frac{1}{16}$ " x $2\frac{1}{2}$ "
Apron M-1269— $\frac{5}{8}$ " x $2\frac{1}{2}$ "
Stool No. 902— $1\frac{1}{16}$ " x $3\frac{1}{2}$ "



R-1116



M-1267A

BIRCH OR PHIL. MAHOGANY**Design "RH" — Ranch Only**

Casing R-1000— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1001— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Stool R-1018— $1\frac{1}{16}$ " x $3\frac{1}{4}$ "

**TRIM FOR CASEMENT UNITS SASH
1'6" WIDE**

FOR UNIT NUMBERS Pages 10 & 11	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
1N2—1H2—1D2.....	\$ 2.94	\$ 5.88	\$ 4.12
2N2—2H2—2D2.....	3.80	7.60	5.32
3N2—3H2—3D2.....	4.88	9.76	6.84
4N2—4H2—4D2.....	5.96	11.92	8.34
5N2—5H2—5D2.....	7.12	14.24	9.96
1N30—1H30—1D30.....	3.04	6.08	4.25
2N30—2H30—2D30.....	4.00	8.00	5.60
3N30—3H30—3D30.....	5.08	10.16	7.12
4N30—4H30—4D30.....	6.16	12.32	8.62
5N30—5H30—5D30.....	7.32	14.64	10.24
1N3—1H3—1D3.....	3.20	6.40	4.48
2N3—2H3—2D3.....	4.16	8.32	5.82
3N3—3H3—3D3.....	5.24	10.48	7.34
4N3—4H3—4D3.....	6.32	12.64	8.84
5N3—5H3—5D3.....	7.48	14.96	10.48
1N4—1H4—1D4.....	3.60	7.20	5.04
2N4—2H4—2D4.....	4.66	9.12	6.40
3N4—3H4—3D4.....	5.64	11.28	7.90
4N4—4H4—4D4.....	6.72	13.44	9.40
5N4—5H4—5D4.....	7.88	15.76	11.04
1N5—1H5—1D5.....	3.96	7.92	5.55
2N5—2H5—2D5.....	4.92	9.84	6.88
3N5—3H5—3D5.....	6.00	12.00	8.40
4N5—4H5—4D5.....	7.08	14.16	9.90
5N5—5H5—5D5.....	8.24	16.48	11.54

**TRIM FOR CASEMENT PICTURE WINDOWS
1'6" WIDE**

SASH OPENING For Units Pages 14, 15 & 18	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
3-1 $\frac{3}{4}$ x 3-2 $\frac{3}{16}$	\$ 4.16	\$ 8.32	\$ 5.82
4-9 $\frac{1}{2}$ x 3-2 $\frac{3}{16}$	5.24	10.48	7.34
6-5 $\frac{1}{4}$ x 3-2 $\frac{3}{16}$	6.32	12.64	8.84
8-1 x 3-2 $\frac{3}{16}$	7.48	14.96	10.48
9-8 $\frac{3}{4}$ x 3-2 $\frac{3}{16}$	8.40	16.80	11.76
11-4 $\frac{1}{2}$ x 3-2 $\frac{3}{16}$	9.64	19.28	13.50
13-0 $\frac{1}{4}$ x 3-2 $\frac{3}{16}$	10.48	20.96	14.67
3-1 $\frac{3}{4}$ x 4-2.....	4.56	9.12	6.38
4-9 $\frac{1}{2}$ x 4-2.....	5.64	11.28	7.90
6-5 $\frac{1}{4}$ x 4-2.....	6.72	13.44	9.40
8-1 x 4-2.....	7.88	15.76	11.04
9-8 $\frac{3}{4}$ x 4-2.....	8.80	17.60	12.32
11-4 $\frac{1}{2}$ x 4-2.....	10.04	20.08	14.06
13-0 $\frac{1}{4}$ x 4-2.....	10.88	21.76	15.24
3-1 $\frac{3}{4}$ x 5-2 $\frac{3}{16}$	4.92	9.84	6.88
4-9 $\frac{1}{2}$ x 5-2 $\frac{3}{16}$	6.00	12.00	8.40
6-5 $\frac{1}{4}$ x 5-2 $\frac{3}{16}$	7.08	14.16	9.92
8-1 x 5-2 $\frac{3}{16}$	8.24	16.48	11.54
9-8 $\frac{3}{4}$ x 5-2 $\frac{3}{16}$	9.16	18.32	12.82
11-4 $\frac{1}{2}$ x 5-2 $\frac{3}{16}$	10.40	20.80	14.56
13-0 $\frac{1}{4}$ x 5-2 $\frac{3}{16}$	11.24	22.48	15.74

**TRIM FOR CASEMENT UNITS SASH
1'10 $\frac{1}{2}$ " WIDE**

FOR UNIT NUMBERS Pages 12 & 13	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
W1N2—W1H2.....	\$ 3.04	\$ 6.08	\$ 4.25
W2N2—W2H2.....	4.28	8.56	6.00
W3N2—W3H2.....	5.52	11.04	7.72
W4N2—W4H2.....	6.76	13.52	9.46
W5N2—W5H2.....	8.04	16.08	11.26
W1N30—W1H30.....	3.24	6.48	4.54
W2N30—W2H30.....	4.48	8.96	6.27
W3N30—W3H30.....	5.72	11.44	8.00
W4N30—W4H30.....	6.96	13.92	9.74
W5N30—W5H30.....	8.24	16.48	11.54
W1N3—W1H3.....	3.40	6.80	4.76
W2N3—W2H3.....	4.64	9.28	6.50
W3N3—W3H3.....	5.88	11.76	8.24
W4N3—W4H3.....	7.12	14.24	9.96
W5N3—W5H3.....	8.40	16.80	11.76
W1N4—W1H4.....	3.80	7.60	5.32
W2N4—W2H4.....	5.04	10.08	7.06
W3N4—W3H4.....	6.28	12.56	8.80
W4N4—W4H4.....	7.52	15.04	10.52
W5N4—W5H4.....	8.80	17.60	12.32
W1N5—W1H5.....	4.16	8.32	5.82
W2N5—W2H5.....	5.40	10.80	7.56
W3N5—W3H5.....	6.64	13.28	9.30
W4N5—W4H5.....	7.88	15.76	11.04
W5N5—W5H5.....	9.16	18.32	12.82

**TRIM FOR CASEMENT PICTURE WINDOWS
1'10 $\frac{1}{2}$ " WIDE**

SASH OPENING For Units Pages 16, 17 & 18	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
3-10 $\frac{3}{4}$ x 3-2 $\frac{3}{16}$	\$ 4.64	\$ 9.28	\$ 6.50
5-11 x 3-2 $\frac{3}{16}$	5.88	11.76	8.24
7-11 $\frac{1}{4}$ x 3-2 $\frac{3}{16}$	7.12	14.24	9.96
9-11 $\frac{1}{2}$ x 3-2 $\frac{3}{16}$	8.40	16.80	11.76
11-11 $\frac{3}{4}$ x 3-2 $\frac{3}{16}$	9.64	19.28	13.50
3-10 $\frac{3}{4}$ x 4-2 $\frac{3}{8}$	5.04	10.08	7.06
5-11 x 4-2 $\frac{3}{8}$	6.28	12.56	8.80
7-11 $\frac{1}{4}$ x 4-2 $\frac{3}{8}$	7.52	15.04	10.52
9-11 $\frac{1}{2}$ x 4-2 $\frac{3}{8}$	8.80	17.60	12.32
11-11 $\frac{3}{4}$ x 4-2 $\frac{3}{8}$	10.04	20.08	14.06
3-10 $\frac{3}{4}$ x 5-2 $\frac{3}{16}$	5.40	10.80	7.56
5-11 x 5-2 $\frac{3}{16}$	6.64	13.28	9.30
7-11 $\frac{1}{4}$ x 5-2 $\frac{3}{16}$	7.88	15.76	11.04
9-11 $\frac{1}{2}$ x 5-2 $\frac{3}{16}$	9.16	18.32	12.82
11-11 $\frac{3}{4}$ x 5-2 $\frac{3}{16}$	10.40	20.80	14.56

Note: Trim is cut and wrapped for each specific order or job and cannot be returned for credit.

Ponderosa Pine Standard Extension Jambs, Stops and Mull Casings are furnished and included in price of case-ment or picture units. If desired in Birch or Phil. Mahog- any price on application.



THE CINCINNATI SASH & DOOR CO.

"UTILIPAK" INTERIOR TRIM — PAPER WRAPPED FOR Andersen FLEXIVENT UNITS



W. P. PINE TRIM — 2 DESIGNS

Design "R" — Ranch

Casing } R-1116— $1\frac{1}{16}$ " x 2" or
 } WP-326A— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

Design "M" — Colonial

Casing M-1267A— $1\frac{1}{16}$ " x $2\frac{1}{2}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

BIRCH OR PHIL. MAHOGANY

Design "RH" — Ranch Only

Casing R-1000— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

Note: All Sets Trim with Casings **all around**, sides, top and bottom. (See Detail FO-20 Page 22).

NO STOOL or APRON. Standard Extension Jambs $\frac{3}{4}$ " x $\frac{7}{8}$ " WPP are included in unit price.

If Stool desired add as priced on page 57.

Trim is cut and wrapped for each specific order or job and cannot be returned for credit.

UNIT NUMBER Pages 28 to 33	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
21411.....	\$ 1.88	\$ 3.85	\$ 2.56
21412.....	2.62	5.40	3.60
21413.....	3.48	7.00	4.68
21421.....	3.08	6.04	4.02
21422.....	4.04	8.50	5.70
21423.....	5.32	10.84	7.28
21431.....	4.08	8.28	5.48
21432.....	5.32	11.44	7.64
21433.....	7.08	14.44	9.66
31411.....	2.12	4.32	2.84
31412.....	3.00	6.04	4.04
31413.....	3.92	7.80	5.24
31421.....	3.60	7.00	4.66
31422.....	4.80	9.70	6.00
31423.....	6.04	12.20	8.20
31431.....	4.92	10.12	6.48
31432.....	6.60	12.75	8.50
31433.....	8.36	17.00	11.44
381411.....	2.24	4.48	3.00
381412.....	3.16	6.24	4.16
381413.....	4.08	8.00	5.36
381421.....	3.76	7.36	4.90
381422.....	5.04	10.20	6.84
381423.....	6.32	12.92	8.70
381431.....	5.16	10.24	6.84
381432.....	6.88	14.04	9.50
381433.....	8.48	17.50	11.75
41411.....	2.40	4.84	3.20
41412.....	3.32	6.75	4.50
41413.....	4.20	8.50	5.70
41421.....	4.04	7.88	5.22
41422.....	5.44	10.90	7.34
41423.....	6.84	13.80	9.28
41431.....	5.64	11.24	8.04
41432.....	7.48	15.40	11.24
41433.....	9.40	19.00	14.00
21811.....	1.96	3.85	2.56
21812.....	2.92	6.76	3.75
21813.....	3.88	7.68	5.12
21821.....	3.08	6.04	4.02
21822.....	4.40	8.86	5.94
21823.....	5.68	11.70	7.86
21831.....	4.20	8.28	5.48
21832.....	5.92	11.84	7.92
21833.....	7.64	15.44	10.36
31811.....	2.24	4.32	2.88
31812.....	3.28	6.44	4.28
31813.....	4.32	8.56	5.68
31821.....	3.68	9.72	6.48
31822.....	5.16	10.24	6.84
31823.....	6.56	13.18	8.76
31831.....	5.12	9.72	6.48
31832.....	6.28	14.04	9.44
31833.....	8.88	18.00	12.14

UNIT NUMBER Pages 28 to 33	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M" W. P. Pine	Design "RH" Birch	Design "RH" Phil. Mah.
381811.....	\$ 2.32	\$ 4.48	\$ 3.00
381812.....	3.40	6.60	4.40
381813.....	4.40	8.72	5.80
381821.....	3.92	7.48	4.98
381822.....	5.28	10.56	7.08
381823.....	6.80	13.78	9.26
381831.....	5.32	10.40	6.94
381832.....	7.28	14.56	9.76
381833.....	9.36	18.92	12.72
41811.....	2.52	4.84	3.20
41812.....	3.60	6.96	4.60
41813.....	4.56	9.08	6.00
41821.....	4.12	8.00	5.30
41822.....	5.76	11.30	7.50
41823.....	7.32	14.70	9.70
41831.....	5.84	11.40	7.60
41832.....	7.88	15.75	10.60
41833.....	9.96	20.30	13.66
22211.....	2.04	4.16	2.76
22212.....	3.26	6.24	4.16
22213.....	4.20	8.32	5.56
22221.....	3.20	6.48	4.30
22222.....	4.64	9.54	6.40
22223.....	6.08	12.54	8.44
22231.....	4.36	8.84	6.88
22232.....	6.24	12.70	8.54
22233.....	8.12	16.46	11.06
32211.....	2.32	4.64	3.08
32212.....	3.40	6.92	4.60
32213.....	4.56	9.20	6.12
32221.....	3.84	7.36	4.84
32222.....	5.36	10.72	7.20
32223.....	7.08	13.90	9.35
32231.....	5.28	10.00	6.68
32232.....	7.32	14.75	9.90
32233.....	9.24	19.00	12.84
382211.....	2.40	4.80	3.20
382212.....	3.60	7.12	4.72
382213.....	4.76	9.40	6.24
382221.....	4.04	7.80	5.18
382222.....	5.64	11.24	7.50
382223.....	7.24	14.60	9.84
382231.....	5.60	10.80	7.20
382232.....	7.68	14.32	9.60
382233.....	10.00	19.60	13.16
42211.....	2.60	5.16	3.44
42212.....	3.80	7.44	4.96
42213.....	4.96	9.72	6.48
42221.....	4.32	8.34	5.54
42222.....	5.96	11.94	8.00
42223.....	7.68	15.50	10.40
42231.....	6.04	11.80	7.84
42232.....	8.28	16.60	11.15
42233.....	10.48	21.32	14.36



THE CINCINNATI SASH & DOOR CO.



"UTILIPAK" INTERIOR TRIM — PAPER WRAPPED FOR Andersen FLEXIVENT UNITS

W. P. PINE TRIM — 2 DESIGNS

Design "R" — Ranch

Casing } R-1116— $1\frac{1}{16}$ " x 2" or
WP-326A— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

Design "M" — Colonial

Casing M-1267A— $1\frac{1}{16}$ " x $2\frac{1}{2}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

BIRCH OR PHIL. MAHOGANY

Design "RH" — Ranch Only

Casing R-1000— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Mull. Casing No. 981— $1\frac{1}{2}$ " x $1\frac{1}{16}$ "

Note: All Sets Trim with Casings **all around**, sides, top and bottom. (See Detail FO-20 Page 22).

NO STOOL or APRON. Standard Extension Jamb $\frac{3}{4}$ " x $\frac{7}{8}$ " WPP are included in unit price.

If Stool desired add as priced on page 57.

Trim is cut and wrapped for each specific order or job and cannot be returned for credit.

UNIT NUMBER Pages 34, 35 & 36	PRICES — 3 KINDS OF WOOD			UNIT NUMBER Pages 34, 35 & 36	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "RH"	Design "RH"		Designs "R" or "M"	Design "RH"	Design "RH"
	W. P. Pine	Birch	Phil. Mah.		W. P. Pine	Birch	Phil. Mah.
1349.....	\$ 3.10	\$ 6.12	\$ 4.08	1449.....	\$ 3.44	\$ 6.64	\$ 4.44
134PA.....	4.12	7.92	5.28	144PA.....	4.32	8.44	5.60
138PA.....	4.20	8.08	6.36	148PA.....	4.52	8.60	5.72
132PA.....	4.28	8.40	5.60	142PA.....	4.64	8.92	5.92
2349.....	4.84	9.44	6.30	2449.....	5.20	10.28	6.85
234PA.....	6.08	11.90	7.98	244PA.....	6.72	13.10	8.80
238PA.....	6.32	12.26	8.22	248PA.....	6.88	13.30	8.92
232PA.....	6.44	12.58	8.42	242PA.....	6.96	13.80	9.24
3349.....	6.52	12.66	8.48	3449.....	7.28	14.24	9.46
334PA.....	8.16	16.32	10.96	344PA.....	9.04	18.40	12.36
338PA.....	8.28	16.48	11.04	348PA.....	9.20	18.54	12.44
332PA.....	8.56	16.80	11.28	342PA.....	9.44	19.30	13.00
13849.....	3.20	6.32	4.20	23PL & 23PR.....	4.76	9.56	6.36
184PA.....	4.20	8.12	5.40	28PL & 28PR.....	4.88	9.72	6.48
188PA.....	4.28	8.24	5.48	24PL & 24PR.....	5.04	10.04	6.68
182PA.....	4.40	8.60	5.72	23PC.....	6.28	12.80	8.60
23849.....	5.04	9.76	6.44	28PC.....	6.40	12.96	8.72
284PA.....	6.12	12.42	8.34	24PC.....	6.56	13.28	8.88
288PA.....	6.44	12.77	8.55	33PL & 33PR.....	5.08	10.16	6.82
282PA.....	6.64	13.00	8.80	38PL & 38PR.....	5.20	10.36	6.98
33849.....	6.80	13.28	8.82	34PL & 34PR.....	5.32	10.68	7.14
384PA.....	8.48	17.03	11.41	33PC.....	7.04	14.24	9.50
388PA.....	8.64	17.15	11.54	38PC.....	7.16	14.36	9.62
382PA.....	8.80	17.50	11.75	34PC.....	7.24	14.70	9.86

"UTILIPAK" INTERIOR PACKAGED TRIM FOR FLEXIVENT CASEMENT UNITS

Description of Trim Parts as listed above.

UNIT NUMBER Page 37	PRICES — 3 KINDS OF WOOD			UNIT NUMBER Page 37	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "RH"	Design "RH"		Designs "R" or "M"	Design "RH"	Design "RH"
	W. P. Pine	Birch	Phil. Mah.		W. P. Pine	Birch	Phil. Mah.
FC-1218.....	\$ 1.96	\$ 4.00	\$ 2.68	FC-1222.....	\$ 2.04	\$ 4.16	\$ 2.76
FC-1318.....	2.24	4.48	3.00	FC-1322.....	2.32	4.64	3.08
FC-1818.....	2.32	4.68	3.12	FC-1822.....	2.52	4.80	3.20
FC-1418.....	2.52	5.00	3.32	FC-1422.....	2.60	5.14	3.42
FC-2218.....	2.92	5.73	3.83	FC-2222.....	3.04	6.21	4.15
FC-2318.....	3.28	6.40	4.28	FC-2322.....	3.44	6.88	4.60
FC-2818.....	3.36	6.56	4.40	FC-2822.....	3.56	7.08	4.72
FC-2418.....	3.48	7.12	4.84	FC-2422.....	3.80	7.60	5.10

NO. 900 ANDERSEN FLEXIVENT STANDARD STOOL — $1\frac{1}{8}$ " x 2"

If Stool is desired for Flexivent Combination or Flexivent Casement Units listed above and on page No. 56, **ADD** to Trim Set prices as follows:

Rough Stud Opening Width	#1 W.P.P. each	Birch each	Phil. Mahog. each	Rough Stud Opening Width	#1 W.P.P. each	Birch each	Phil. Mahog. each
2-0 $\frac{5}{8}$ & 2-4 $\frac{5}{8}$	\$.52	\$ 1.20	\$.80	7-1 $\frac{1}{2}$ & 7-4 $\frac{1}{2}$	\$ 1.90	\$ 3.20	\$ 2.16
2-8 $\frac{1}{8}$.....	.72	1.60	1.08	7-6 $\frac{1}{2}$ & 7-11 $\frac{3}{8}$	2.00	3.60	2.44
3-5 $\frac{1}{2}$ & 3-8 $\frac{1}{2}$.....	.96	2.00	1.35	8-2 $\frac{1}{2}$	2.00	3.60	2.44
3-11 $\frac{5}{8}$ & 4-1 $\frac{1}{2}$	1.19	2.25	1.50	8-8 $\frac{3}{4}$ & 8-11 $\frac{3}{4}$	2.36	4.00	2.70
4-7 $\frac{5}{8}$	1.20	2.40	1.62	9-4 $\frac{3}{4}$	2.36	4.40	3.00
5-3 $\frac{3}{4}$	1.40	2.65	1.80	10-3 $\frac{1}{2}$ & 10-6 $\frac{1}{2}$	2.48	4.40	3.00
6-1 $\frac{1}{8}$ & 6-4 $\frac{1}{8}$	1.55	2.80	1.90	10-11 $\frac{1}{2}$ & 11-0 $\frac{1}{2}$	2.60	4.80	3.24
6-9 $\frac{1}{8}$ & 6-10 $\frac{1}{2}$	1.64	3.20	2.16	12-3 $\frac{1}{2}$	2.96	5.20	3.60



THE CINCINNATI SASH & DOOR CO.

"UTILIPAK" INTERIOR TRIM — PAPER WRAPPED



FOR Andersen GLIDING UNITS

Casings cut to approximate lengths, not mitered; Stools and Aprons not returned

W. P. PINE TRIM — 2 DESIGNS

Design "R" — Ranch
Casing R-1116— $1\frac{1}{16}$ " x 2" or
WP-326A— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1120— $5\frac{3}{8}$ " x 2"
Stool No. 969— $1\frac{1}{16}$ " x $3\frac{1}{2}$ "

Design "M" — Colonial
Casing M-1267A— $1\frac{1}{16}$ " x $2\frac{1}{2}$ "
Apron M-1269— $5\frac{3}{8}$ " x $2\frac{1}{2}$ "
Stool No. 969— $1\frac{1}{16}$ " x $3\frac{1}{2}$ "

BIRCH OR PHIL. MAHOGANY

Design "RH" — Ranch Only
Casing R-1000— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1001— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Stool R-1018— $1\frac{1}{16}$ " x $3\frac{1}{4}$ "

UNIT NUMBER Pages 43 & 44	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "R"	Design "R"
	W. P. Pine	Birch	Phil. Mah.
38024.....	\$ 4.20	\$ 8.78	\$ 5.80
38038-3838.....	4.64	9.44	6.24
38044-3844.....	4.92	10.08	6.68
38050-3850.....	5.12	10.44	6.92
48024.....	4.84	10.32	6.84
48038-4838.....	5.28	10.96	7.28
48044-4844.....	5.56	11.64	7.72
48050-4850.....	5.76	11.96	7.96
48058-4858.....	6.04	12.28	8.16

For Mullion Units Double above prices.

For Triple Units Triple above prices.

Ponderosa Pine Extension Jambs are included in price of unit on pages 43 and 44.

UNIT NUMBER Pages 43 & 44	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "R"	Design "R"
	W. P. Pine	Birch	Phil. Mah.
58024.....	\$ 5.48	\$11.84	\$ 7.84
58038-5838.....	5.92	12.52	8.28
58044-5844.....	6.20	13.16	8.72
58050-5850.....	6.40	13.52	8.96
58058-5858.....	6.68	13.84	9.16
58064-5864.....	6.96	14.48	9.60

FOR STOOLS ONLY — 1-1/16" x 3 1/2" — For 5 1/4" Wall

SASH OPENING	#1 W.P.P.	Birch	Phil. Mahog.
3-4 1/8.....	\$ 1.98	\$ 3.80	\$ 2.50
4-4 1/8.....	2.40	4.56	3.00
5-4 1/8.....	2.80	5.32	3.50

"UTILIPAK" INTERIOR TRIM — PAPER WRAPPED

FOR Andersen PRESSURE SEAL UNITS

Casings cut to approximate lengths, not mitered; Stools and Aprons not returned

W. P. PINE TRIM — 2 DESIGNS

Design "R" — Ranch
Casing R-1116— $1\frac{1}{16}$ " x 2" or
WP-326A— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1120— $5\frac{3}{8}$ " x 2"
(Stool Included in Unit Price)

Design "M" — Colonial
Casing M-1267A— $1\frac{1}{16}$ " x $2\frac{1}{2}$ "
Apron M-1269— $5\frac{3}{8}$ " x $2\frac{1}{2}$ "
(Stool Included in Unit Price)

BIRCH OR PHIL. MAHOGANY

Design "R" — Ranch Only
Casing R-1000— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
Apron R-1001— $1\frac{1}{16}$ " x $2\frac{1}{4}$ "
(Stool Included in Unit Price)

WINDOW UNIT NUMBER Page 49 Sash Opening	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "RH"	Design "RH"
	W. P. Pine	Birch	Phil. Mah.
2-0 x 3- 2.....	\$ 2.48	\$ 5.80	\$ 3.88
2-0 x 3-10.....	2.68	6.12	4.08
2-0 x 4- 2.....	2.80	6.48	4.32
2-0 x 4- 6.....	2.88	6.80	4.52
2-0 x 5- 2.....	3.08	7.12	4.76
2-4 x 3- 2.....	2.48	6.40	4.28
2-4 x 3-10.....	2.68	6.72	4.48
2-4 x 4- 2.....	2.80	7.04	4.72
2-4 x 4- 6.....	2.88	7.20	4.92
2-4 x 5- 2.....	3.08	7.72	5.16
2-8 x 3- 2.....	2.48	7.00	4.68
2-8 x 3-10.....	2.68	7.36	4.88
2-8 x 4- 2.....	2.80	7.68	5.12
2-8 x 4- 6.....	2.88	8.00	5.32
2-8 x 5- 2.....	3.08	8.32	5.56
3-0 x 3- 2.....	2.48	7.40	4.96
3-0 x 3-10.....	2.68	7.72	5.16
3-0 x 4- 2.....	2.80	8.04	5.40
3-0 x 4- 6.....	2.88	8.20	5.60
3-0 x 5- 2.....	3.08	8.52	5.84
3-4 x 3- 2.....	2.48	7.76	5.20
3-4 x 3-10.....	2.68	8.08	5.40
3-4 x 4- 2.....	2.80	8.40	5.64
3-4 x 4- 6.....	2.88	8.76	5.84
3-4 x 5- 2.....	3.08	9.08	6.08

Mullion Interior Trim—double above single set price.
Triple Interior Trim—triple above single set price.

PICTURE UNIT NUMBER Page 50	PRICES — 3 KINDS OF WOOD		
	Designs "R" or "M"	Design "RH"	Design "RH"
	W. P. Pine	Birch	Phil. Mah.
4442-C.....	\$ 4.52	\$ 9.48	\$ 6.32
4446-C.....	4.52	9.64	6.44
4452-C.....	4.52	10.12	6.76
5042-C.....	4.52	10.24	6.84
5046-C.....	4.52	10.44	6.96
5052-C.....	4.52	10.92	7.28
5842-C.....	4.52	11.32	7.52
5846-C.....	4.52	11.44	7.64
5852-C.....	4.52	11.96	7.96
84442-4442.....	7.60	15.08	10.04
84446-4446.....	7.60	15.24	10.16
84452-4452.....	7.60	15.76	10.48
85042-5042.....	7.60	15.68	10.44
85046-5046.....	7.60	15.84	10.56
85052-5052.....	7.60	16.36	10.88
85842-5842.....	7.60	16.28	10.88
85846-5846.....	7.60	16.60	11.08
85852-5852.....	7.60	16.96	11.32

Note: Trim is cut and wrapped for each specific order or job and cannot be returned for credit.

ADVERTISING AND SALES PROMOTION SERVICE

Prices Below Are Net

STUFFER FOLDERS

With imprint, if desired, furnished at cost. Imprinting costs run from \$1.90 for 100 folders to \$3.30 for 500, \$4.95 for 1000, \$7.10 for 2000, and \$13.85 for 5000.

Basement Unit	Combination Window
Casement Unit	Kitchen Window Units
Flexivent Unit	Remodeling
Gliding Unit	Screens and Storm Panels
Pressure Seal Unit	Welded Insulating Glass

OTHER BOOKLETS and FOLDERS

WINDOW BEAUTY IDEAS Booklet, 36 pages 9" x 7".
ONLY THE RICH Booklet, 20 pages, 9" x 7".
CONDENSATION Booklet, 16 pages, 6" x 9".
HOME SHOW FOLDER, 6 pages, 8½" x 11".

DIRECT MAIL

FOUR PAGE LETTERHEAD featuring all four units —
Furnished with first page blank, or with dealer's imprint at
the top plus a special sales letter if desired. The only charge
is for the dealer imprint, same as stuffer folders.

SELF MAILING BROADSIDES — 8½" x 11".

Imprinted at cost with return address if desired, and also
additional imprint on back page. Be sure to send full
instructions.

Casement Mailer	Gliding Unit Mailer
Flexivent Mailer	Pressure Seal Mailer
Flexiview Mailer	Porch Enclosure Mailer
Combination Window Mailer	

DETAILS and SPECIFICATIONS

UNIT CATALOG (Sweet's Reprint), 36 pages, 8½" x 11".
CASEMENT UNIT Detail Folder C-1.
FLEXIVENT UNIT Detail Folder F-2.
GLIDING UNIT Detail Folder G-1.
PRESSURE SEAL UNIT Detail Folder P-1.

RADIO SCRIPTS

Announcer scripts, 30 second and 1 minute commercials
Recording, twenty 50 second commercials.

TV FILMS — Write for further information.

CARPENTER APRONS

Best grade white duck, printed blue and red with dealer's
imprint on bib below the Andersen trademark.

Cross shoulder strap, 19" x 22", 8 oz. duck, 45¢ each.

Neck band style, 17½" x 22", 7 oz. duck, 40¢ each.

Neck band style, children's size, 11" x 13", 24¢ each.

Waist style nail apron, no bib, 18" x 11", 10 oz. duck,
dealer imprint on pocket, 28¢ each.

With Belt Tip, 31¢ each.

Prices F.O.B. apron factory. **Minimum quantity, 50
aprons each style.** Delivery four to six weeks.

CARPENTER PENCILS

250 or more, No. 3 lead with dealer imprint, 5¢
each, F.O.B. factory.

MATCHES

"Aristocrat" size featuring an assortment of beautiful
WINDOWALL pictures printed on sparkling Krome Kote,
with dealer's 4 line imprint on front cover.

Cooperative Dealer Prices — F.O.B. factory.

Regular Pack — 50 books per carton, 50 cartons or 2500
books per case.

1 case — 2500 books, \$9.00 per M — \$22.50.

2 cases — 5000 books, \$8.00 per M — \$40.00.

4 cases — 10,000 books, \$7.50 per M — \$75.00.

See special price list for lower prices on larger quantities.

Cello-Pak—8 match books, assorted pictures, cellophane
wrapped, 312 Cello-Pak units per case.

2 cases (min. order) 624 units — 9¢ per unit — \$56.16.

4 cases — 1248 units — 8¢ per unit — \$99.84.

New **Imprinted Sleeve Package** — 4 match books per
unit in attractively printed Krome Kote sleeve with imprint
on both sleeve and match books. 600 units per case of 2400
books.

1 case — 600 units, 8¢ per unit — \$48.00.

2 cases — 1200 units, 7½¢ per unit — \$90.00.

4 cases — 2400 units, 6½¢ per unit — \$156.00.

TACKER JOB SIGNS

36" x 24" with space for dealer's or contractor's name. Can
be imprinted at cost of set-up charge, \$4.50, any quantity.
Be sure to send full instructions.

WINDOWALLS — FLEXIVENT.

INDOOR SIGN

WINDOWALL, 21" x 15", edges pressure sensitized.

MODEL HOME EASEL SIGN

8" x 3½".

8" x 5" with space for imprint.

WINDOWALL EMBLEMS

For indoor displays — 7" x 4½", pressure sensitized.

Casement	Flexivent
Gliding	Flexiview
Pressure Seal	Complete Units

For trucks and outdoor signs — 24" x 12", pressure
sensitized. Weatherproof, easy to apply.

MANUALS and INSTRUCTIONS

Casement Unit Manual **Pressure Seal Manual**
Gliding Unit Manual **Flexivent — How to reglaze**
Flexivent Folder F-1 (Assembly Instructions)

DEALER SELLING KIT

TRACING DETAIL FILE

A complete file of ¼ scale installation details for architects,
draftsmen and designers. Mailed to individuals on request.
Be sure to give full name and address.

POCKET LUMBER SCALE

Small quantities up to 50 furnished at no charge. Larger
quantities at \$2.00 per 100. Imprinting at cost, same as
stuffer folders.

PRICES SUBJECT TO CHANGE WITHOUT NOTICE

TWO NEW ITEMS TO HELP YOU SELL ANDERSEN WINDOWALLS



ATTRACTIVE ILLUMINATED SIGN-CLOCK

This 50" sign-clock is designed to give you years of economical trouble-free service. It will work for you 24 hours a day every day of the year identifying you as an Andersen dealer in your area. Clock can be hung from ceiling in display window or used as counter display on easel brackets furnished.

NET DELIVERED
PRICE

\$20.

NEW WROUGHT IRON LITERATURE RACK

This attractive rack displays full view of booklet and folder covers, inviting your customers to read the literature. Rack being open on all sides does not collect dust. Can be used as an easel on counter or hung on the wall near your Andersen Display Models.

NET DELIVERED
PRICE

\$4.



E-Z SET DOOR UNITS

Complete Packaged, Assembled Units
Door • Frame • Trim • Hardware

**PRECISION MILLED AND
 ASSEMBLED. YOU INSTALL
 IN 20 MINUTES.**

**INSTALLS IN 20 MINUTES.
 SAVES MORE THAN \$50.00
 PER HOUSE.**



TOP-LOC

HEAVY WEIGHT HINGE



Tap pin down with a hammer to overcome friction lock.



Top of pin — when tapped into position — should line up flush with top of hinge leaf. Once tapped into place, the pin will not rise . . . is locked securely in place.



**NEW
 Hager "No-Mar"
 Pin Removal**

Push nail through hole in bottom of barrel.

QUICK! EASY!

Selection of any species and grade of door — W. P. Pine, Philippine Mahogany or Birch Trim and Jambs. Quality Sargent ALIGNA LOCK in smart ASHCROFT Pattern.

STOCK UNITS

COMPLETE ASSEMBLED STOCK UNITS INCLUDE:

DOOR — Door as specified.

JAMB — W. P. Pine Telescopic Jambs, adjustable from 4 3/8" to 5 3/8".

HARDWARE — Polished Brass Sargent "ALIGNA LOCK."

HINGES — 3 1/2" x 3 1/2" Butts Brass Finish Self Locking Pin.

TRIM — 11/16" x 2" Ranch. (R-1116) No. 1 W. P. Pine Casing.

Alternate: 11/16" x 2 1/4" Ranch (WP326A) or 11/16" x 2 1/2" (M-1267A) W. P. P. Casing. No Extra Charge.

"E-Z SET"

**Bi-Passing Sliding Door Units
 and
 Exterior Door Units
 also available**

**Request complete Price Lists
 and Installation Information**

**Your Best Bet—
 Buy "E-Z Set"**

E-Z SET

**STRONGER
 PACKAGE**

Casing protected
 with corrugated
 board.

Horizontal -
 vertical Members
 held together
 with two strong
 bands.

Better quality
 Sargent Aligna
 Lock.

Button Tipped,
 Pinlocked
 Hinges.



Andersen Windowalls



THE *Cincinnati Sash & Door Co.*

4500 Reading Road

Cincinnati 29, Ohio

"An Andersen Distributor For Over 25 Years"